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TITLE Pavements Maintenance and Construction Equipment Operator Career Ladders: United States Air Force Job Inventory. AFSCs 55130/31, 55150/51, 55170/71, and 55191.

INSTITUTION Air Force Personnel and Training Research Center, Lackland AFB, Tex.

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ABSTRACT

The U. S. Air Force job inventory for the pavements maintenance and construction equipment operator career ladders is divided into 26 categories, each of which is broken down into a duty-task list. Space is provided for Air Force personnel filling out the inventory to check whether each task is at present part of their duties. The 26 categories are: organizing and planning; directing and implementing; inspecting and evaluating; training; working with forms, records, reports, directives, or technical data; performing laboratory and field tests, constructing and maintaining rigid pavements and concrete structures; constructing and maintaining flexible pavements; constructing and maintaining drainage systems; building bunkers and revetments; constructing and maintaining prefabricated surface mats; working with explosives; constructing and maintaining railroad trackage; performing grounds maintenance; applying herbicides and fungicides; operating trucks, front end loaders, and forklifts; operating industrial tractors and attachments; operating graders; operating bulldozers and scrapers; operating specialized equipment; operating cranes and attachments; operating miscellaneous equipment; performing snow removal functions; rigging hoisting equipment; performing missile support functions; and operating well drilling equipment. A personnel information questionnaire is also included. (JR)

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UNITED STATES AIR FORCE JOB INVENTORY



U.S. DEPARTMENT OF HEALTH
EDUCATION & WELFARE
NATIONAL INSTITUTE OF
EDUCATION

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PAVEMENTS MAINTENANCE
AND
CONSTRUCTION EQUIPMENT OPERATOR
CAREER LADDERS
AFSCs 55130/31, 55150/51, 55170/71, and 55191

OCCUPATIONAL SURVEY BRANCH
3700 OCM SQ
LACKLAND AFB, TEXAS 78236
AFPT 90-551-807
15 January 1974

SUSPENSE IS 10 WORKING DAYS
IN ACCORDANCE WITH AFM 35-2

JUN 23 1975

GENERAL INSTRUCTIONS

1. Your assistance in completing this survey is very important to you and the Air Force. Your answers and the answers of other airmen completing this USAF Job Inventory will be used to develop:

- a. Specialty descriptions for your career field.
- b. Specialty training standards and resident training courses.
- c. Career development courses for upgrade training in your career field.
- d. Specialty Knowledge Tests (SKTs).

2. To qualify for this survey, you must meet the following conditions.

YOU MUST HAVE:

- a. A duty AFSC of 55130, 55131, 55150, 55151, 55170, or 55171.
- b. A duty AFSC of 55191, and be supervising 551XX personnel.
- c. Held your duty AFSC for at least six weeks.
- d. Been working in your present job for at least four weeks.

3. This USAF Inventory is in two sections:

- a. A Background Information section where you provide information about yourself, and
- b. A DUTY-TASK LIST section where you provide information about your current job.

4. In providing the information requested, it is equally important to follow the procedures given throughout the booklet. PRINT ALL WRITE-IN INFORMATION. DO NOT WRITE IN CLASSIFIED INFORMATION. DO NOT WRITE IN BASE OR APO NUMBER.

INSTRUCTIONS FOR BACKGROUND INFORMATION

Complete each item in the BACKGROUND INFORMATION section, pages ii through viii. Now turn to page ii and BEGIN.

BACKGROUND INFORMATION				DATE		CASE CONTROL NUMBER (1-4)	
PLEASE PRINT INFORMATION REQUESTED AND CHECK APPLICABLE BOXES							
NAME (Last, First, Middle Initial) _____ (5-22)							
GRADE ☐ E1 AB ☐ E2 AMN ☐ E3 AIC ☐ E4 SGT ☐ E5 SSGT ☐ E6 TSGT ☐ E7 MSGT ☐ E8 SMSGT ☐ E9 CMSGT							
SOCIAL SECURITY ACCOUNT NUMBER PREFIX (24-25) (26-28) - (29-30) - (31-34)						DUTY TELEPHONE EXTENSION 	
MAJOR COMMAND ☐ A AAC ☐ G ACIC ☐ C ADC ☐ E AFAFC ☐ Y AFCS ☐ F AFLC ☐ M AFRES ☐ H AFSC ☐ J ATC ☐ K AU ☐ P HQ COMD ☐ N HQ USAF ☐ Q MAC ☐ R PACAF ☐ S SAC ☐ T TAC ☐ B USAFA ☐ D USAFE ☐ L USAFSO ☐ U USAFSS ☐							
PRIMARY AFSC PREFIX (36) NUMBER (37-41) SUFFIX (42)				DUTY AFSC PREFIX (43) NUMBER (44-48) SUFFIX (49)			
MY JOB IS LOCATED AT AN INSTALLATION WHICH IS: (50) ☐ INSIDE THE CONTINENTAL U.S. (Zone of the Interior) (51) ☐ OUTSIDE THE CONTINENTAL U.S. (Including Alaska and Hawaii)							
I AM PRESENTLY TDY ☐ YES (52) ☐ NO (If YES, enter name of TDY installation) _____							
TOTAL MONTHS IN PRESENT JOB (53-55)				TOTAL MONTHS AT PRESENT BASE (56-58)			
TOTAL MONTHS IN DUTY AFSC (59-61)				TOTAL MONTHS IN CAREER FIELD (62-64)			
TOTAL MONTHS ACTIVE FEDERAL MILITARY SERVICE (65-67)				NUMBER OF SUBORDINATES WHO REPORT TO YOU DIRECTLY FOR SUPERVISION (68-69)			
ORGANIZATION (CARD 02: 5-69)				BASE OR INSTALLATION (CARD 02: 70-73)			
PRESENT WORK ASSIGNMENT (Position or Job Title) _____ (CARD 03: 5-73)							

BACKGROUND INFORMATION (Continued)

I WAS ASSIGNED TO MY PRESENT CAREER LADDER BY (Check only one box)

(CARD 04: 5-11)

- (5) ☐ COMPLETION OF RESIDENT TECHNICAL TRAINING COURSE
- (6) ☐ RECLASSIFICATION WITHOUT COMPLETION OF RESIDENT TECHNICAL TRAINING OR OJT
- (7) ☐ DIRECT DUTY ASSIGNMENT (DDA) FROM BASIC MILITARY TRAINING TO OJT WITHOUT BYPASS TEST
- (8) ☐ DDA FROM BASIC MILITARY TRAINING BY BYPASS TEST
- (9) ☐ CONVERSION FROM ANOTHER AF SPECIALTY WITHOUT TRAINING
- (10) ☐ RETRAINING FROM ANOTHER AF SPECIALTY
- (11) ☐ REENLISTMENT FROM ANOTHER BRANCH OF SERVICE

IF YOU WERE CONVERTED OR RETRAINED, ENTER PREVIOUS AFSC

(CARD 04: 12-18)

PREFIX
(12)

NUMBER
(13 - 17)

SUFFIX
(18)

CIRCLE THE HIGHEST EDUCATION LEVEL (OR GED EQUIVALENT) YOU HAVE COMPLETED

(CARD 04: 19-20)

ELEMENTARY				HIGH SCHOOL				COLLEGE				GRADUATE	
05	06	07	08	09	10	11	12	13	14	15	16	17	18

YOUR RESPONSES TO THE FOLLOWING THREE ITEMS WILL BE HELD IN STRICT CONFIDENCE AND WILL BE USED FOR RESEARCH PURPOSES ONLY.

(CARD 04: 21-23)

I PLAN TO REENLIST:

- (21)
- 1 ☐ NO, I PLAN TO RETIRE
- 2 ☐ NO, I PLAN TO SEPARATE WITHOUT RETIREMENT BENEFITS
- 3 ☐ UNCERTAIN, PROBABLY NO
- 4 ☐ UNCERTAIN, PROBABLY YES
- 5 ☐ YES

I FIND MY JOB:

- (22)
- 1 ☐ EXTREMELY DULL
- 2 ☐ VERY DULL
- 3 ☐ FAIRLY DULL
- 4 ☐ SO-SO
- 5 ☐ FAIRLY INTERESTING
- 6 ☐ VERY INTERESTING
- 7 ☐ EXTREMELY INTERESTING

MY JOB UTILIZES MY TALENTS AND TRAINING:

- (23)
- 1 ☐ NOT AT ALL
- 2 ☐ VERY LITTLE
- 3 ☐ FAIRLY WELL
- 4 ☐ QUITE WELL
- 5 ☐ VERY WELL
- 6 ☐ EXCELLENTLY
- 7 ☐ PERFECTLY

BACKGROUND INFORMATION (Continued)

(CARD 04: 24-73)

INDICATE THE ITEMS OF EQUIPMENT YOU USE ON YOUR PRESENT JOB.

- | | |
|---|--|
| (24) ☐ ABRASIVE SPREADERS | (49) ☐ CHAIN SAWS |
| (25) ☐ AERATORS | (50) ☐ CHEMICAL SPREADERS |
| (26) ☐ AERIAL TRAMS | (51) ☐ CHERRY PICKERS |
| (27) ☐ AGGREGATE SPREADERS | (52) ☐ COMBINATION SNOW PLOWS |
| (28) ☐ AIR BLAST SWEEPERS | (53) ☐ CONCRETE BATCH PLANTS |
| (29) ☐ AIR COMPRESSORS | (54) ☐ CONCRETE FINISHERS |
| (30) ☐ AIRFIELD VACUUM SWEEPERS | (55) ☐ CONCRETE LAY DOWN MACHINES |
| (31) ☐ ASPHALT BATCH PLANTS | (56) ☐ CONCRETE SAWS |
| (32) ☐ ASPHALT AUGERS | (57) ☐ CONCRETE SCREENING MACHINES |
| (33) ☐ ASPHALT DISTRIBUTORS | (58) ☐ CONVEYOR BELTS |
| (34) ☐ ASPHALT LAY DOWN MACHINES | (59) ☐ CRANES, 10 TON TRACTOR MOUNTED |
| (35) ☐ ATTACHED MOWERS | (60) ☐ CRANES, 10 TON TRUCK MOUNTED |
| (36) ☐ BACK BLADES | (61) ☐ CRANES, 20 TON |
| (37) ☐ BACKHOES | (62) ☐ CRANES, 30 TON |
| (38) ☐ BALLAST TAMPERS | (63) ☐ CRANES, 40 TON |
| (39) ☐ BANK ROTARY SNOW PLOWS | (64) ☐ CRANES, 50 TON |
| (40) ☐ BEACHCOMBERS | (65) ☐ CRAWLER TRACTORS, D6 |
| (41) ☐ BENCH GRINDERS | (66) ☐ CRAWLER TRACTORS, D7 |
| (42) ☐ BUSES | (67) ☐ CRAWLER TRACTORS, D8 |
| (43) ☐ CARGO TRUCKS, 1/2 TON | (68) ☐ CRAWLER TRACTORS, D9 |
| (44) ☐ CARGO TRUCKS, 3/4 TON | (69) ☐ CRAWLER TRACTORS, TD 18 |
| (45) ☐ CARGO TRUCKS, 1 TON | (70) ☐ CRAWLER TRACTORS, TD 20 |
| (46) ☐ CARGO TRUCKS, 2 1/2 TONS | (71) ☐ CRAWLER TRACTORS, TD 24 |
| (47) ☐ CARGO TRUCKS, 5 TONS | (72) ☐ CRAWLER TRACTORS, TD 25 |
| (48) ☐ CARRYALLS | (73) ☐ CURBING MACHINES (Continued next page) |

BACKGROUND INFORMATION (Continued)

(CONTINUED)

(CARD 05: 5-54)

- | | |
|--|---|
| (5) ☐ DEMPSEY DUMPSTER TRUCKS | (30) ☐ HIGH SPEED ROTARY SNOW PLOWS |
| (6) ☐ DETHACHERS | (31) ☐ IMPACT WRENCHES |
| (7) ☐ DISCS | (32) ☐ INDUSTRIAL TRACTORS |
| (8) ☐ DITCHING MACHINES | (33) ☐ LAWN EDGERS |
| (9) ☐ DUMP TRUCKS, 2 1/2 TON | (34) ☐ LAWN ROLLERS |
| (10) ☐ DUMP TRUCKS, 5 TON | (35) ☐ LAWN SWEEPERS |
| (11) ☐ DUMP TRUCKS, 10 TON | (36) ☐ LOADAL TRUCKS |
| (12) ☐ DUMP TRUCKS, 18 TON | (37) ☐ LOWBOY TRAILERS |
| (13) ☐ EARTH AUGERS | (38) ☐ LUBRICATING AND SERVICING UNITS |
| (14) ☐ ELECTRIC DRILLS | (39) ☐ MAGNETIC SWEEPERS |
| (15) ☐ ELECTRIC VIBRATORS | (40) ☐ MECHANICAL STONE PICKERS |
| (16) ☐ FARM TRACTORS | (41) ☐ MELTER APPLICATORS |
| (17) ☐ FORKLIFTS, 4,000 LB | (42) ☐ MOTORIZED SCRAPERS, 14 CU YD |
| (18) ☐ FORKLIFTS, 6,000 LB | (43) ☐ MOTORIZED SCRAPERS, 18 CU YD |
| (19) ☐ FORKLIFTS, 15,000 LB | (44) ☐ MULCH SPREADERS |
| (20) ☐ 54,000 GVW DISPLACEMENT TRUCKS | (45) ☐ ONE WAY SNOW PLOWS |
| (21) ☐ FLATBED TRAILERS | (46) ☐ PAVING MACHINES |
| (22) ☐ FRONT END LOADERS | (47) ☐ PLOWS |
| (23) ☐ GRADERS | (48) ☐ PNEUMATIC CHAIN SAWS |
| (24) ☐ HAND MOWERS | (49) ☐ PNEUMATIC DRILLS |
| (25) ☐ HAND TAMPERS | (50) ☐ PNEUMATIC HAMMERS |
| (26) ☐ HAND TOOLS | (51) ☐ PNEUMATIC (RUBBER TIRE) ROLLERS |
| (27) ☐ HARROWS | (52) ☐ PNEUMATIC TAMPERS |
| (28) ☐ HEDGE TRIMMERS | (53) ☐ PNEUMATIC VIBRATORS |
| (29) ☐ HIGH REACHES | (54) ☐ POLE MASTERS |

(Continued next page)

BACKGROUND INFORMATION (Continued)

(CONTINUED)

(CARD 05: 55-73)

(CARD 06: 5-35)

- | | |
|--|--|
| (55) ☐ PORTABLE CONCRETE MIXERS | (11) ☐ SNOW PLOW UNITS |
| (56) ☐ PORTABLE GENERATORS | (12) ☐ SNOW SWEEPERS |
| (57) ☐ POWER AUGERS | (13) ☐ STAFF CARS |
| (58) ☐ POWER SAWS | (14) ☐ STATION WAGONS |
| (59) ☐ POWER TROWELS | (15) ☐ STEEL LAYING MACHINES |
| (60) ☐ PULVERIZING MACHINES | (16) ☐ STEEL WHEEL ROLLERS |
| (61) ☐ PUMPS | (17) ☐ STREET SWEEPERS |
| (62) ☐ RAIL BENDING MACHINES | (18) ☐ STUMP CUTTERS |
| (63) ☐ RAIL DRILLING MACHINES | (19) ☐ TILT-BED TRAILERS |
| (64) ☐ RAILROAD REPAIR CARS | (20) ☐ TOWED MOWERS |
| (65) ☐ REFUSE PACKERS | (21) ☐ TOWED SCRAPERS, 8 CU YD |
| (66) ☐ REVERSIBLE SNOW PLOWS | (22) ☐ TOWED SCRAPERS, 12 CU YD |
| (67) ☐ ROCK CRUSHING AND SCREENING PLANTS | (23) ☐ TOWED SCRAPERS, 14 CU YD |
| (68) ☐ ROCK HAULERS, 20 TON | (24) ☐ TOWED SWEEPERS |
| (69) ☐ ROCK PICKERS | (25) ☐ TOWED TRAILERS |
| (70) ☐ ROLLOVER SNOW PLOWS | (26) ☐ TRACTOR TRUCKS |
| (71) ☐ ROTARY TILLERS | (27) ☐ TRANSIT MIX TRUCKS |
| (72) ☐ ROUGH TERRAIN FORKLIFTS | (28) ☐ TREE SPADES |
| (73) ☐ ROUTERS | (29) ☐ TRENCHING MACHINES |
| (5) ☐ SAND BLASTERS | (30) ☐ VIBRATOR COMPACTORS |
| (6) ☐ SAND DRYERS | (31) ☐ VIBRATOR ROLLERS |
| (7) ☐ SELF-PROPELLED MOWERS | (32) ☐ VIBRATOR TAMPERS |
| (8) ☐ SHEEPSFOOT ROLLERS | (33) ☐ WATER DISTRIBUTORS |
| (9) ☐ SLURRY SEAL MACHINES | (34) ☐ WATER DRILLING UNITS |
| (10) ☐ SNOW BLOWERS | (35) ☐ WATER TRUCKS |

(Continued next page)

BACKGROUND INFORMATION (Continued)

(CARD 06: 36-46)

(36) DO YOU POUR CONCRETE?

☐ YES ☐ NO

IF YES, CHECK THE TYPES OF STRUCTURES YOU POUR CONCRETE FOR.

(37) ☐ CULVERT HEADWALLS

(42) ☐ SLABS FOR PREFABRICATED BUILDINGS

(38) ☐ FOUNDATIONS

(43) ☐ STRUCTURAL FORMS

(39) ☐ MANHOLES

(44) ☐ TEST SPECIMENS

(40) ☐ PIERS

(45) ☐ VAULTS

(41) ☐ SLABS FOR EQUIPMENT
MOUNTING

(46) ☐ OTHER (SPECIFY)

(CARD 06: 47-58)

(47) DO YOU CONSTRUCT OR INSTALL DRAINAGE SYSTEMS OR DRAINAGE SYSTEM COMPONENTS?

☐ YES ☐ NO

IF YES, INDICATE THE TYPES OF SYSTEMS YOU CONSTRUCT OR INSTALL.

(48) ☐ CHECK DAMS

(54) ☐ OPEN CHANNELS OR DRAINS

(49) ☐ CONCRETE PIPE CULVERTS

(55) ☐ PAVED DRAINS

(50) ☐ CORRUGATED METAL PIPE
CULVERTS

(56) ☐ VERTICAL DRY WELLS

(51) ☐ FLUMES

(57) ☐ WOOD BOX CULVERTS

(52) ☐ FRENCH DRAINS

(58) ☐ OTHER (SPECIFY)

(53) ☐ INTERCEPTOR DRAINS

(Continued next page)

BACKGROUND INFORMATION (Continued)

INDICATE THE AIR FORCE COURSES YOU HAVE TAKEN:

(CARD 06: 59-62)

- (59) ☐ 3ABR 55130 PAVEMENTS MAINTENANCE SPECIALIST
- (60) ☐ 3ABR 55131 CONSTRUCTION EQUIPMENT OPERATOR
- (61) ☐ 3AZR 55150 PAVEMENTS MAINTENANCE SPECIALIST
- (62) ☐ OTHER: (SPECIFY)

(63) ARE YOU CERTIFIED TO WORK WITH EXPLOSIVES?

(CARD 06: 63)

☐ YES ☐ NO

(64) ARE YOU A MEMBER OF RED HORSE?

(CARD 06: 64-73)
(CARD 07: 5- 9)

☐ YES ☐ NO

IF YES, CHECK ANY AREAS YOU WORK IN.

- | | |
|---|--|
| (65) ☐ CARPENTRY | (72) ☐ PLUMBING |
| (66) ☐ CONSTRUCTION EQUIPMENT
OPERATION | (73) ☐ POWER LINES |
| (67) ☐ CRYOGENIC FLUIDS | (5) ☐ PROGRAMS AND WORK CONTROL |
| (68) ☐ ELECTRICIAN | (6) ☐ PROTECTIVE COATING |
| (69) ☐ HEATING | (7) ☐ SITE DEVELOPMENT |
| (70) ☐ MASONRY | (8) ☐ WASTE WATER |
| (71) ☐ PAVEMENTS MAINTENANCE | (9) ☐ WATER SUPPLY AND TREATMENT |

(10) ARE YOU A MEMBER OF PRIME BEEF?

(CARD 07: 10)

☐ YES ☐ NO

READ THIS PAGE BEFORE GOING FURTHER

Have you completed this Background Information Section? Make sure, before you continue with this procedure.

PROCEDURE A. CHECKING TASKS OF PRESENT JOB

1. As you read each task in the Duty-Task section, pages 1 through 62, place a check beside each task that you perform in your present job. Put your checkmark in the column headed "Check-If Done Now." When you have reached page 62, follow the arrow for your next instructions.
2. DO NOT COMPLETE THE RIGHT-HAND COLUMN AT THIS TIME.
3. If a task that you perform is not listed anywhere in the entire list, write it on the blank page at the end of the booklet, but do not add tasks that are classified.
4. Do not confuse work you do yourself with work you supervise.
5. Remember, at this time you are to complete only the column headed "Check-If Done Now" for pages 1 through 62. Now, turn to page 1 and BEGIN.

PROCEDURE B. RATING TIME SPENT ON TASKS ON PRESENT JOB

1. Have you checked each task that you perform in your present job? Make sure, before you continue with this procedure.
2. Now you are to rate the relative amount of time you spend performing each task in your present job. Relative time spent means the total time you spend doing the task compared with the time you spend on each of the other tasks of your present job.
3. Use a rating of "1" if you spend "very much below average" amount of time on a task. Use a rating of "2" for "below average" time; and so on, up to a rating of "7" if you spend "very much above average" amount of time on the task.
4. Remember, you are to rate only tasks that you have already checked in the first column of pages 1 through 62.
5. Place your rating, according to the 7-point scale, in the right-hand column, headed "Time Spent Current Job."
6. When you have completed all your ratings in the right-hand column of pages 1 through 62, you will have completed this USAF Job Inventory, and you may turn it in to your Test Control Officer.
7. Now, turn to page 1 and BEGIN your ratings for the right-hand column.

JOB INVENTORY (DUTY - TASK LIST)		AFSC 551X0/1	PAGE 1	OF 64	PAGES
1. Check tasks you perform now (✓). 2. Add any tasks you do now which are not listed. 3. In the "Time Spent" column, rate checked (✓) tasks on time spent in your present job.			Check	TIME SPENT Current Job	
			✓ IF DONE NOW	1. VERY MUCH BE- LOW AVERAGE. 2. BELOW AVERAGE. 3. SLIGHTLY BE- LOW AVERAGE. 4. ABOUT AVERAGE. 5. SLIGHTLY ABOVE AVERAGE. 6. ABOVE AVERAGE. 7. VERY MUCH ABOVE AVERAGE.	
A. ORGANIZING AND PLANNING					
1. Act as training advisor at staff level	5				
2. Assign personnel to duty positions	6				
3. Assign sponsors for newly assigned personnel	7				
4. Coordinate on transportation for structural maintenance and repair teams (SMART)	8				
5. Coordinate work activities with other civil engineering shops	9				
6. Coordinate work progress with base civil engineering scheduling	10				
7. Develop organizational charts	11				
8. Draft budget and financial requirements	12				
9. Establish organizational policies, office instructions (OI), or standing operating procedures (SOP)	13				
10. Establish performance standards	14				

11. Plan layout of facilities	15				
12. Plan or prepare briefings	16				
13. Plan or schedule on-the-job training (OJT)	17				
14. Plan or schedule work assignments	18				
15. Plan safety programs	19				
16. Plan security programs	20				
17. Prepare and update local operating instructions	21				
18. Prepare or review grass cutting plans	22				
19. Prepare or review snow removal plans	23				
20. Prepare or review watering schedules	24				

(Continued next page)					

JOB INVENTORY
(DUTY - TASK LIST)

AFSC 551X0/1

PAGE 2 OF 64 PAGES

1. Check tasks you perform now (✓).
2. Add any tasks you do now which are not listed.
3. In the "Time Spent" column, rate checked (✓) tasks on time spent in your present job.

Check	TIME SPENT Current Job
✓ IF DONE NOW	1. VERY MUCH BELOW AVERAGE
	2. BELOW AVERAGE
	3. SLIGHTLY BELOW AVERAGE
	4. ABOUT AVERAGE
	5. SLIGHTLY ABOVE AVERAGE
	6. ABOVE AVERAGE
	7. VERY MUCH ABOVE AVERAGE

A. ORGANIZING AND PLANNING (CONTINUED)

21. Review unit emergency or disaster plans

25

22. Schedule advanced or special training

26

23. Schedule leaves or passes

27

24. Serve on airman classification boards

28

25. Serve on job evaluation boards

29

NOTE: If any task you perform under this duty is not listed, write it on the blank page at the end of the booklet.

JOB INVENTORY
(DUTY - TASK LIST)

AFSC 551X0/1

PAGE 3 OF 64 PAGES

1. Check tasks you perform now (✓).
2. Add any tasks you do now which are not listed.
3. In the "Time Spent" column, rate checked (✓) tasks on time spent in your present job.

Check	TIME SPENT Current Job
✓ IF DONE NOW	1. VERY MUCH BE- LOW AVERAGE
	2. BELOW AVERAGE
	3. SLIGHTLY BE- LOW AVERAGE
	4. ABOUT AVERAGE
	5. SLIGHTLY ABOVE AVERAGE
	6. ABOVE AVERAGE
	7. VERY MUCH ABOVE AVERAGE

B. DIRECTING AND IMPLEMENTING

- | | | | |
|--|----|--|--|
| 1. Conduct or participate in staff meetings | 30 | | |
| 2. Counsel personnel on personal or military related problems | 31 | | |
| 3. Develop or improve work methods or procedures | 32 | | |
| 4. Direct asphalt plant operations | 33 | | |
| 5. Direct concrete batch plant operations | 34 | | |
| 6. Direct building construction operations | 35 | | |
| 7. Direct clearing operations | 36 | | |
| 8. Direct cut, fill, or compaction operations | 37 | | |
| 9. Direct development or maintenance of status boards, graphs, or charts | 38 | | |
| 10. Direct golf course maintenance operations | 39 | | |
| ***** | | | |
| 11. Direct grounds maintenance operations | 40 | | |
| 12. Direct gunnery range maintenance operations | 41 | | |
| 13. Direct herbicide application or preparation | 42 | | |
| 14. Direct maintenance of administrative files | 43 | | |
| 15. Direct maintenance of tool cribs | 44 | | |
| 16. Direct maintenance or utilization of equipment | 45 | | |
| 17. Direct missile refurbishment operations | 46 | | |
| 18. Direct OJT field operations | 47 | | |
| 19. Direct or implement OJT programs | 48 | | |
| 20. Direct pavement surfacing operations | 49 | | |

(Continued next page) 14

JOB INVENTORY
(DUTY - TASK LIST)

AFSC
551X0/1

PAGE 4 OF 64 PAGES

1. Check tasks you perform now (✓).
2. Add any tasks you do now which are not listed.
3. In the "Time Spent" column, rate checked (✓) tasks on time spent in your present job.

Check TIME SPENT
Current Job

✓
IF
DONE
NOW

VERY MUCH BE-
LOW AVERAGE
2. BELOW AVERAGE
3. SLIGHTLY BE-
LOW AVERAGE
4. ABOUT AVERAGE
5. SLIGHTLY
ABOVE AVERAGE
6. ABOVE AVERAGE
7. VERY MUCH
ABOVE AVERAGE

B. DIRECTING AND IMPLEMENTING (CONTINUED)

21. Direct pavement sweeping operations	50		
22. Direct quarry operations	51		
23. Direct railroad maintenance operations	52		
24. Direct refuse collection operations	53		
25. Direct sanitary fill operations	54		
26. Direct snow removal operations	55		
27. Direct well drilling operations	56		
28. Draft correspondence	57		
29. Draft or revise job descriptions	58		
30. Establish or maintain publications libraries	59		

31. Implement cost reduction programs	60		
32. Implement safety or security programs, or procedures	61		
33. Initiate contingency plans	62		
34. Interpret policies, directives, or procedures for subordinates	63		
35. Prepare tables, graphs, or diagrams for technical reports	64		
36. Supervise AFSC 55130 personnel	65		
37. Supervise AFSC 55131 personnel	66		
38. Supervise AFSC 55150 personnel	67		
39. Supervise AFSC 55151 personnel	68		
40. Supervise AFSC 55170 personnel	69		

(Continued next page)

JOB INVENTORY
(DUTY - TASK LIST)

AFSC

551X0/1

PAGE 5 OF 64 PAGES

1. Check tasks you perform now (✓).
2. Add any tasks you do now which are not listed.
3. In the "Time Spent" column, rate checked (✓) tasks on time spent in your present job.

Check

TIME SPENT

Current Job

- ✓
IF
DONE
NOW
1. VERY MUCH BELOW AVERAGE
 2. BELOW AVERAGE
 3. SLIGHTLY BELOW AVERAGE
 4. ABOUT AVERAGE
 5. SLIGHTLY ABOVE AVERAGE
 6. ABOVE AVERAGE
 7. VERY MUCH ABOVE AVERAGE

✓ B. DIRECTING AND IMPLEMENTING (CONTINUED)

41. Supervise AFSC 55171 personnel

70

42. Supervise civilian personnel

71

43. Supervise detail personnel

72

44. Supervise or participate in general military duties

8:73

45. Supervise SMART

5

NOTE: If any task you perform under this duty is not listed, write it on the blank page at the end of the booklet.

JOB INVENTORY
(DUTY - TASK LIST)

AFSC 551X0/1

PAGE 6 OF 64 PAGES

1. Check tasks you perform now (✓).
2. Add any tasks you do now which are not listed.
3. In the "Time Spent" column, rate checked (✓) tasks on time spent in your present job.

Check	TIME SPENT Current Job
☒ IF DONE NOW	1. VERY MUCH BE- LOW AVERAGE
	2. BELOW AVERAGE
	3. SLIGHTLY BE- LOW AVERAGE
	4. ABOUT AVERAGE
	5. SLIGHTLY ABOVE AVERAGE
	6. ABOVE AVERAGE
	7. VERY MUCH ABOVE AVERAGE

C. INSPECTING AND EVALUATING

- | | | |
|---|----|--|
| 1. Analyze work load requirements | 6 | |
| 2. Draft staff studies, surveys, or special reports | 7 | |
| 3. Evaluate administrative forms, files, or procedures | 8 | |
| 4. Evaluate alert or emergency procedures | 9 | |
| 5. Evaluate budgeting and financial requirements | 10 | |
| 6. Evaluate compliance with work standards | 11 | |
| 7. Evaluate individuals for promotion, demotion, or reclassification | 12 | |
| 8. Evaluate inspection reports or procedures | 13 | |
| 9. Evaluate job descriptions | 14 | |
| 10. Evaluate layout of facilities | 15 | |
| ***** | | |
| 11. Evaluate maintenance and use of workspace, equipment, or supplies | 16 | |
| 12. Evaluate new equipment | 17 | |
| 13. Evaluate procedures for storage, inventory, or inspection of property items | 18 | |
| 14. Evaluate safety or security programs | 19 | |
| 15. Evaluate suggestions | 20 | |
| 16. Evaluate work schedules | 21 | |
| 17. Investigate accidents or incidents | 22 | |
| 18. Select individuals for specialized training | 23 | |
| 19. Write staff studies, surveys, or special reports | 24 | |

NOTE: If any task you perform under this duty is not listed, write it on the blank page at the end of the booklet.

JOB INVENTORY
(DUTY - TASK LIST)

AFSC 551X0/1

PAGE 7 OF 64 PAGES

1. Check tasks you perform now (✓). 2. Add any tasks you do now which are not listed. 3. In the "Time Spent" column, rate checked (✓) tasks on time spent in your present job.	Check	TIME SPENT Current Job
D. TRAINING	☒ IF DONE NOW	1. VERY MUCH BE- LOW AVERAGE. 2. BELOW AVERAGE. 3. SLIGHTLY BE- LOW AVERAGE. 4. ABOUT AVERAGE 5. SLIGHTLY ABOVE AVERAGE 6. ABOVE AVERAGE 7. VERY MUCH ABOVE AVERAGE
1. Administer or score tests		25
2. Assign OJT trainers		26
3. Assign resident course instructors		27
4. Conduct OJT		28
5. Conduct resident course classroom training		29
6. Conduct snow removal training		30
7. Conduct training conferences or briefings		31
8. Counsel trainees on training progress		32
9. Demonstrate how to locate technical information		33
10. Determine resident course training requirements		34

11. Develop career development courses (CDC)		35
12. Develop or review specialty training standards (STS)		36
13. Develop resident course curriculum materials		37
14. Establish or maintain study reference files		38
15. Evaluate OJT trainees		39
16. Evaluate progress of resident course students		40
17. Evaluate training methods, techniques, or programs		41
18. Implement or direct training programs		42
19. Maintain training records, charts, or graphs		43
20. Prepare lesson plans		44

(Continued next page)		

JOB INVENTORY
(DUTY - TASK LIST)

AFSC 551X0/1

PAGE 8 OF 64 PAGES

1. Check tasks you perform now (✓).
2. Add any tasks you do now which are not listed.
3. In the "Time Spent" column, rate checked (✓) tasks on time spent in your present job.

Check	TIME SPENT Current Job
✓	1. VERY MUCH BE- LOW AVERAGE.
	2. BELOW AVERAGE.
	3. SLIGHTLY BE- LOW AVERAGE.
	4. ABOUT AVERAGE.
	5. SLIGHTLY ABOVE AVERAGE.
	6. ABOVE AVERAGE.
	7. VERY MUCH ABOVE AVERAGE.

D. TRAINING (CONTINUED)

21. Prepare training aids	45	
22. Procure training aids, space, or equipment	46	
23. Schedule general military training (GMT)	47	
24. Verify personnel are enrolled in CDC	48	
25. Write test questions	49	
26. Write training reports	50	

NOTE: If any task you perform under this duty is not listed,
write it on the blank page at the end of the booklet.

JOB INVENTORY
(DUTY - TASK LIST)

AFSC 551X0/1

PAGE 9 OF 64 PAGES

1. Check tasks you perform now (✓). 2. Add any tasks you do now which are not listed. 3. In the "Time Spent" column, rate checked (✓) tasks on time spent in your present job.	Check	TIME SPENT Current Job
8 E. WORKING WITH FORMS, RECORDS, REPORTS, DIRECTIVES, OR TECHNICAL DATA	✓ IF DONE NOW	1. VERY MUCH BE- LOW AVERAGE 2. BELOW AVERAGE 3. SLIGHTLY BE- LOW AVERAGE 4. ABOUT AVERAGE 5. SLIGHTLY ABOVE AVERAGE 6. ABOVE AVERAGE 7. VERY MUCH ABOVE AVERAGE
1. Annotate BCE Daily Work Schedule forms (AF Form 1734)	51	
2. Annotate or review Job Order Log forms (AF Form 1880)	52	
3. Assign vehicles or equipment to operators	53	
4. Compile reports or records from data on maintenance forms	54	
5. Compile reports or records from data on manhour accounting forms	55	
6. Compile reports or records from inspection surveillance	56	
7. Compute required amounts of asphalt or concrete	57	
8. Compute required volume of base course materials	58	
9. Design work sheets or maintenance forms	59	
10. Determine necessary pavement thickness using minimum thickness charts	60	

11. Draft changes to technical directives	61	
12. Draft correspondence or reports	62	
13. File, annotate, or update directive files	63	
14. File, annotate, or update maintenance data records	64	
15. File, annotate, or update technical order (TO) files and TO compliance records	65	
16. File general correspondence	66	
17. Initiate, annotate, or prepare Request for Issue or Turn-in forms (AF Form 1801)	67	
18. Initiate, annotate, or review Custodian Request/Receipt forms (AF Form 601b)	68	
19. Initiate, annotate, or review Material Cost Transfer for BEAMS forms (AF Form 1469)	69	
20. Initiate, annotate, or review Materials Cost Transfer forms (AF Form 333)	70	

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JOB INVENTORY
(DUTY - TASK LIST)

AFSC
551X0/1

PAGE 10 OF 64 PAGES

1. Check tasks you perform now (✓).
2. Add any tasks you do now which are not listed.
3. In the "Time Spent" column, rate checked (✓) tasks on time spent in your present job.

Check	TIME SPENT Current Job
✓	1. VERY MUCH BE- LOW AVERAGE
	2. BELOW AVERAGE
	3. SLIGHTLY BE- LOW AVERAGE
	4. ABOUT AVERAGE
	5. SLIGHTLY ABOVE AVERAGE
	6. ABOVE AVERAGE
	7. VERY MUCH ABOVE AVERAGE

E. WORKING WITH FORMS, RECORDS, REPORTS, DIRECTIVES, OR
TECHNICAL DATA (CONTINUED)

- | | | |
|---|------|--|
| 21. Initiate or annotate Quality Control Evaluation forms (AF Form 1255) | 71 | |
| 22. Initiate or complete Materials and Equipment List forms (AF Form 1445) | 72 | |
| 23. Initiate or complete Request for Non FSN/Local Purchase Item forms (AF Form 1999) | 9:73 | |
| 24. Initiate or prepare Work Request forms (AF Form 332) | 5 | |
| 25. Initiate or review Report of Survey forms (DD Form 200) | 6 | |
| 26. Initiate, review, or post Civil Engineer Construction Permit forms (AF Form 103) | 7 | |
| 27. Initiate Temporary Issue Receipt forms (AF Form 1297) | 8 | |
| 28. Interpret engineering plans | 9 | |
| 29. Maintain administrative files | 10 | |
| 30. Maintain dispatch logs | 11 | |

- | | | |
|---|----|--|
| 31. Make entries on Work Center Bench Stock Availability forms (AF Form 1919) | 12 | |
| 32. Order manufacturer's technical publications | 13 | |
| 33. Post entries on and attach equipment status tags or labels | 14 | |
| 34. Post entries on equipment maintenance and record forms | 15 | |
| 35. Post entries on manhour reporting forms | 16 | |
| 36. Post entries on Monthly Mobile Equipment Use Record forms (AF Form 1447) | 17 | |
| 37. Prepare drafts of outgoing correspondence or reports | 18 | |
| 38. Prepare inspection schedules | 19 | |
| 39. Prepare maintenance schedules | 20 | |
| 40. Prepare or review Operator's Inspection Guide and Trouble Report (General Purpose Vehicles) forms (AFTO Form 374) | 21 | |

(Continued next page)

JOB INVENTORY
(DUTY - TASK LIST)

AFSC

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PAGE 11

OF 64

PAGES

1. Check tasks you perform now (✓).

2. Add any tasks you do now which are not listed.

3. In the "Time Spent" column, rate checked (✓) tasks on time spent in your present job.

Check

TIME SPENT
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1. VERY MUCH BE-
LOW AVERAGE
2. BELOW AVERAGE
3. SLIGHTLY BE-
LOW AVERAGE
4. ABOUT AVERAGE
5. SLIGHTLY
ABOVE AVERAGE
6. ABOVE AVERAGE
7. VERY MUCH
ABOVE AVERAGE

✓
IF
DONE
NOW

E. WORKING WITH FORMS, RECORDS, REPORTS, DIRECTIVES, OR
TECHNICAL DATA (CONTINUED)

41. Prepare or review Operator's Inspection Guide and Trouble
Report (Special Equipment) forms (AFTO Form 573)

22

42. Prepare work drawings

23

43. Research American Association of State Highway Officer
Publications on subgrade strengths

24

44. Research blueprints or technical drawings

25

45. Research TOs for job standards or procedures

26

46. Review Base Civil Engineer Multiple Job Shop Schedule
forms (AF Form 917)

27

47. Review Job Phase Calculation Sheet forms (AF Form 1081)

28

48. Review Maintenance Action Sheet forms (AF Form 1841)

29

49. Review or annotate Base Civil Engineer Job Order forms
(AF Form 1879)

30

50. Review or annotate Base Civil Engineer Weekly Work
Schedule forms (AF Form 561)

31

* * * * *

51. Review or annotate Base Civil Engineer Work Order
forms (AF Form 327)

32

52. Review or annotate Cash Collection Voucher forms
(DD Form 1131)

33

53. Review or annotate Statement of Charges for Government
Property Lost, Damaged, or Destroyed forms (DD Form 362)

34

54. Review or annotate Structural Maintenance and Repair Team
Job Order forms (AF Form 1219)

35

55. Review or post construction equipment hauling permits

36

56. Type outgoing correspondence, records, or reports

37

57. Write herbicide usage reports

38

NOTE: If any task you perform under this duty is not listed,
write it on the blank page at the end of the booklet.

JOB INVENTORY (DUTY - TASK LIST)

AFSC 551X0/1

PAGE 12 OF 64 PAGES

1. Check tasks you perform now (✓).
2. Add any tasks you do now which are not listed.
3. In the "Time Spent" column, rate checked (✓) tasks on time spent in your present job.

Check	TIME SPENT Current Job
✓ IF DONE NOW	1. VERY MUCH BE- LOW AVERAGE. 2. BELOW AVERAGE. 3. SLIGHTLY BE- LOW AVERAGE. 4. ABOUT AVERAGE. 5. SLIGHTLY ABOVE AVERAGE. 6. ABOVE AVERAGE. 7. VERY MUCH ABOVE AVERAGE.

F. PERFORMING LABORATORY AND FIELD TESTS

- | | | |
|---|----|--|
| 1. Compute optimum moisture content | 39 | |
| 2. Compute water-cement ratios | 40 | |
| 3. Perform California Bearing Ratio (CBR) tests | 41 | |
| 4. Perform Cleveland or Tag open cup flashpoint tests | 42 | |
| 5. Perform field tests to tentatively identify local soil types | 43 | |
| 6. Perform heat odor tests on bituminous materials | 44 | |
| 7. Perform liquid limit tests of soils | 45 | |
| 8. Perform odor tests on bituminous materials | 46 | |
| 9. Perform penetration tests on bituminous materials | 47 | |
| 10. Perform plastic indexes of soils | 48 | |
| ***** | | |
| 11. Perform plastic limit tests of soils | 49 | |
| 12. Perform plate bearing tests | 50 | |
| 13. Perform pour tests on bituminous materials | 51 | |
| 14. Perform sieve analyses of soils | 52 | |
| 15. Perform slump tests on concrete | 53 | |
| 16. Perform smear tests on bituminous materials | 54 | |
| 17. Perform soil compaction tests | 55 | |
| 18. Perform soil density tests | 56 | |
| 19. Perform soil sedimentation tests | 57 | |
| 20. Perform solubility tests on bituminous materials | 58 | |

(Continued next page)

JOB INVENTORY
(ID, TV, TASK LIST)

AFSC 551X0/1

PAGE 13 OF 64 PAGES

1. Check tasks you perform now (✓).
2. Add any tasks you do now which are not listed.
3. In the "Time Spent" column, rate checked (✓) tasks on time spent in your present job.

Check

TIME SPENT
Current Job

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ABOVE AVERAGE
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 7. VERY MUCH
ABOVE AVERAGE

F. PERFORMING LABORATORY AND FIELD TESTS

21. Perform stone coating tests on bituminous materials

59

22. Perform wet shaking tests of soils

60

23. Test concrete sand for organic impurities

61

NOTE: If any task you perform under this duty is not listed,
write it on the blank page at the end of the booklet.

JOB INVENTORY (DUTY - TASK LIST)

AFSC 551X0/1

PAGE 14 OF 64 PAGES

1. Check tasks you perform now (✓).
2. Add any tasks you do now which are not listed.
3. In the "Time Spent" column, rate checked (✓) tasks on time spent in your present job.

Check	TIME SPENT Current Job
✓	1. VERY MUCH BELOW AVERAGE
	2. BELOW AVERAGE
	3. SLIGHTLY BELOW AVERAGE
	4. ABOUT AVERAGE
	5. SLIGHTLY ABOVE AVERAGE
	6. ABOVE AVERAGE
	7. VERY MUCH ABOVE AVERAGE

G. CONSTRUCTING AND MAINTAINING RIGID PAVEMENTS AND CONCRETE STRUCTURES

1. Add chemicals to concrete to prevent freezing
2. Adjust pneumatic tool airline oilers
3. Break concrete using air hammers
4. Clean concrete mixer drums or delivery chutes
5. Compact materials with pneumatic tampers
6. Construct metal concrete forms
7. Construct rails for concrete pavers
8. Construct wooden concrete forms
9. Cut, bend, or tie reinforcing steel
10. Cut tie wires

62

63

64

65

66

67

68

69

70

71

11. Drill holes in concrete with electric drills
12. Drill holes in concrete with pneumatic drills

72

10:73

13. Fill concrete popouts with road tar or concrete

5

14. Finish concrete by hand to smooth surface

6

15. Finish concrete pavements to non-skid surfaces by hand

7

16. Finish concrete pavements to non-skid surfaces using concrete laying machines

8

17. Finish concrete pavements to non-skid surfaces using power trowels

9

18. Finish concrete to ornamental surfaces by hand

10

19. Finish subgrade by hand

11

20. Hand feed slurry materials into mud jack pug mill hoppers

12

(Continued next page)

JOB INVENTORY (DUTY - TASK LIST)		AFSC 551X0/1	PAGE 15 OF 64 PAGES
1. Check tasks you perform now (✓). 2. Add any tasks you do now which are not listed. 3. In the "Time Spent" column, rate checked (✓) tasks on time spent in your present job.		Check	TIME SPENT Current Job
G. CONSTRUCTING AND MAINTAINING RIGID PAVEMENTS AND CONCRETE STRUCTURES (CONTINUED)		✓ IF DONE NOW	1. VERY MUCH BE- LOW AVERAGE. 2. BELOW AVERAGE. 3. SLIGHTLY BE- LOW AVERAGE. 4. ABOUT AVERAGE. 5. SLIGHTLY ABOVE AVERAGE. 6. ABOVE AVERAGE 7. VERY MUCH ABOVE AVERAGE
21. Hand shovel concrete	13		
22. Inspect concrete for pumping slabs	14		
23. Install load transfer devices at concrete joints	15		
24. Jack concrete slabs to grade	16		
25. Lay building paper to cure concrete	17		
26. Lay burlap to cure concrete	18		
27. Lay plastic to cure concrete	19		
28. Light or extinguish smudge pots or salamanders to prevent freezing of concrete	20		
29. Load transit concrete mixers	21		
30. Mark location of jacking holes in pavements	22		

31. Mix air entraining agents to cement	23		
32. Mix concrete by hand	24		
33. Mix concrete with portable concrete mixers	25		
34. Mix concrete with transit concrete mixers	26		
35. Operate concrete batch plants	27		
36. Perform operator inspections or maintenance of mud jacks	28		
37. Perform operator inspections or maintenance of air compressors or air tools	29		
38. Perform operator inspections and maintenance on concrete transit mixers	30		
39. Perform operator inspections or maintenance on portable concrete mixers	31		
40. Place concrete in forms by hand	32		

(Continued next page)			

JOB INVENTORY
(DUTY - TASK LIST)

AFSC 551X0/1

PAGE 16 OF 64 PAGES

1. Check tasks you perform now (✓).
2. Add any tasks you do now which are not listed.
3. In the "Time Spent" column, rate checked (✓) tasks on time spent in your present job.

Check	TIME SPENT Current Job
☒ IN DON'T NOW	1. VERY MUCH BE- LOW AVERAGE
	2. BELOW AVERAGE
	3. SLIGHTLY BE- LOW AVERAGE
	4. ABOUT AVERAGE
	5. SLIGHTLY ABOVE AVERAGE
	6. ABOVE AVERAGE
	7. VERY MUCH ABOVE AVERAGE

G. CONSTRUCTING AND MAINTAINING RIGID PAVEMENTS AND
CONCRETE STRUCTURES (CONTINUED)

41. Place concrete in forms using concrete buggies or wheelbarrows	33		
42. Place concrete in forms using transit mixers	34		
43. Place smudge pots or salamanders to prevent freezing of concrete	35		
44. Plug jacking holes	36		
45. Pour joint sealer	37		
46. Prime concrete with asphalt by hand	38		
47. Remove concrete forms	39		
48. Remove joint sealer	40		
49. Research technical publications for composition of rigid mix	41		
50. Rough finish concrete with power trowels	42		

51. Rout cracks in concrete	43		
52. Saw concrete	44		
53. Seal concrete or concrete base with membranes	45		
54. Seal concrete surfaces with concrete sealers	46		
55. Set up air compressors and pneumatic tools	47		
56. Set up metal concrete forms	48		
57. Set up portable concrete mixers	49		
58. Set up wooden concrete forms	50		
59. Shovel materials into concrete mixers	51		
60. Spread concrete using form riding concrete pavers and finishers	52		

(Continued next page)

JOB INVENTORY
(DUTY - TASK LIST)

AFSC 551X0/1

PAGE 17 OF 64 PAGES

1. Check tasks you perform now (✓).
2. Add any tasks you do now which are not listed.
3. In the "Time Spent" column, rate checked (✓) tasks on time spent in your present job.

Check TIME SPENT
Current Job

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1. VERY MUCH BE-
LOW AVERAGE.
2. BELOW AVERAGE.
3. SLIGHTLY BE-
LOW AVERAGE.
4. ABOUT AVERAGE.
5. SLIGHTLY
ABOVE AVERAGE.
6. ABOVE AVERAGE.
7. VERY MUCH
ABOVE AVERAGE.

G. CONSTRUCTING AND MAINTAINING RIGID PAVEMENTS AND
CONCRETE STRUCTURES (CONTINUED)

61. Spread hay to cure concrete	53		
62. Tamp concrete with pneumatic concrete vibrators	54		
63. Tamp or rod concrete at form edges or corners	55		
64. Test water for suitability of mixing concrete	56		
65. Transport concrete with transit concrete mixers	57		
66. Unload concrete from transit concrete mixers	58		
67. Water concrete while curing	59		

NOTE: If any task you perform under this duty is not listed,
write it on the blank page at the end of the booklet.

JOB INVENTORY
(DUTY TASK LIST)

AFSC 551X0/1

PAGE 18 OF 64 PAGES

1. Check tasks you perform now (✓).
2. Add any tasks you do now which are not listed.
3. In the "Time Spent" column, rate checked (✓) tasks on time spent in your present job.

Check

TIME SPENT
Current Job

- ✓
IF
DONE
NOW
1. VERY MUCH BE-
LOW AVERAGE
 2. BELOW AVERAGE
 3. SLIGHTLY BE-
LOW AVERAGE
 4. ABOUT AVERAGE
 5. SLIGHTLY
ABOVE AVERAGE
 6. ABOVE AVERAGE
 7. VERY MUCH
ABOVE AVERAGE

H. CONSTRUCTING AND MAINTAINING FLEXIBLE PAVEMENTS

- | | | | |
|--|-------|--|--|
| 1. Apply aggregate to bleeding asphalt pavements | 60 | | |
| 2. Apply bituminous materials by hand | 61 | | |
| 3. Compact asphalt by hand | 62 | | |
| 4. Control or adjust rate of aggregate application | 63 | | |
| 5. Control or adjust rate of bituminous application | 64 | | |
| 6. Coordinate with dump truck drivers during aggregate spreading | 65 | | |
| 7. Coordinate with operators or crews on preparation of asphalt distributors | 66 | | |
| 8. Cut or remove asphalt from areas | 67 | | |
| 9. Dispose of extra asphalt remaining in asphalt distributors | 68 | | |
| 10. Drain, flush, and clean asphalt distributors and spray lines | 69 | | |
| ***** | | | |
| 11. Drive asphalt distributors during applications | 70 | | |
| 12. Drive asphalt distributors to or from work areas | 71 | | |
| 13. Drive dump trucks during aggregate spreading | 72 | | |
| 14. Fill asphalt distributors from commercial sources | 11:73 | | |
| 15. Fill asphalt distributors from drums | 5 | | |
| 16. Fill asphalt distributors from storage tanks or rail cars | 6 | | |
| 17. Hand spray asphalt | 7 | | |
| 18. Hand spread aggregate | 8 | | |
| 19. Inspect pot holes in asphalt to determine cause of defects | 9 | | |
| 20. Level aggregate in spreaders | 10 | | |

(Continued next page)

JOB INVENTORY
(DUTY - TASK LIST)

AFSC 551X0/1

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1. Check tasks you perform now (✓).
2. Add any tasks you do now which are not listed.
3. In the "Time Spent" column, rate checked (✓) tasks on time spent in your present job.

Check	TIME SPENT Current Job
✓ IF DONE NOW	1. VERY MUCH BE- LOW AVERAGE
	2. BELOW AVERAGE
	3. SLIGHTLY BE- LOW AVERAGE
	4. ABOUT AVERAGE
	5. SLIGHTLY ABOVE AVERAGE
	6. ABOVE AVERAGE
	7. VERY MUCH ABOVE AVERAGE

H. CONSTRUCTING AND MAINTAINING FLEXIBLE PAVEMENTS
(CONTINUED)

- | | | | |
|--|----|--|--|
| 21. Light or adjust distributor heaters | 11 | | |
| 22. Light or adjust railroad tank car heaters | 12 | | |
| 23. Operate asphalt paver and finishers | 13 | | |
| 24. Operate asphalt travel mix plants | 14 | | |
| 25. Operate rock crusher plants | 15 | | |
| 26. Operate stationary asphalt batch plants | 16 | | |
| 27. Perform operator inspections or maintenance on asphalt
patching kettles | 17 | | |
| 28. Prepare or set up asphalt distributors for operation | 18 | | |
| 29. Shift spray bars laterally for coverage | 19 | | |
| 30. Skin patch ponding or bird baths in asphalt pavements | 20 | | |

- | | | | |
|---|----|--|--|
| 31. Tow asphalt repair kettles with dump trucks | 21 | | |
|---|----|--|--|

NOTE: If any task you perform under this duty is not listed,
write it on the blank page at the end of the booklet.

JOB INVENTORY
(DUTY - TASK LIST)

AFSC 551X0/1

PAGE 20 OF 64 PAGES

1. Check tasks you perform now (✓).
2. Add any tasks you do now which are not listed.
3. In the "Time Spent" column, rate checked (✓) tasks on time spent in your present job.

Check	TIME SPENT Current Job
✓ IF DONE NOW	1. VERY MUCH BE- LOW AVERAGE
	2. BELOW AVERAGE
	3. SLIGHTLY BE- LOW AVERAGE
	4. ABOUT AVERAGE
	5. SLIGHTLY ABOVE AVERAGE
	6. ABOVE AVERAGE
	7. VERY MUCH ABOVE AVERAGE

1. CONSTRUCTING AND MAINTAINING DRAINAGE SYSTEMS

1. Coordinate with equipment operators during construction or maintenance of drainage systems	22		
2. Dig ditches by hand	23		
3. Fill wash around channels around culverts, inlets, outfalls, or check dams	24		
4. Finish grade trenches by hand	25		
5. Inspect check dams	26		
6. Inspect culvert headwalls, inlets, or outfalls	27		
7. Inspect drainage systems during storms	28		
8. Inspect flumes	29		
9. Inspect open channels or drains	30		
10. Inspect paved drains	31		

11. Inspect vertical dry wells	32		
12. Install notched weirs	33		
13. Install or replace gratings over manholes	34		
14. Joint concrete pipe	35		
15. Joint metal pipe	36		
16. Joint perforated metal pipe	37		
17. Joint tile pipe	38		
18. Lay concrete pipe	39		
19. Lay metal pipe	40		
20. Lay perforated metal pipe	41		

(Continued next page)

JOB INVENTORY

(DUTY - TASK LIST)

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OF 64

PAGES

1. Check tasks you perform now (✓).
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3. In the "Time Spent" column, rate checked (✓) tasks on time spent in your present job.

Check

TIME SPENT
Current Job

✓
IF
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NOW

1. VERY MUCH BE-
LOW AVERAGE.
2. BELOW AVERAGE.
3. SLIGHTLY BE-
LOW AVERAGE.
4. ABOUT AVERAGE.
5. SLIGHTLY
ABOVE AVERAGE.
6. ABOVE AVERAGE.
7. VERY MUCH
ABOVE AVERAGE.

1. CONSTRUCTING AND MAINTAINING DRAINAGE SYSTEMS (CONTINUED)

21. Lay tile pipe	42		
22. Lower piping into trenches using cranes	43		
23. Lower piping into trenches using forklifts	44		
24. Lower piping into trenches using front end loaders	45		
25. Lower piping into trenches by hand	46		
26. Lower piping into trenches using miscellaneous lifting equipment	47		
27. Remove debris from drainage systems	48		
28. Remove ice from drainage systems	49		
29. Riprap/embankments, earthen dams, stream banks, ditches, or headwalls	50		
30. Sandbag breaks in embankments or earthen dams	51		

NOTE: If any task you perform under this duty is not listed, write it on the blank page at the end of the booklet.

JOB INVENTORY
(DUTY - TASK LIST)

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ABOVE AVERAGE

J. BUILDING BUNKERS AND REVETMENTS

1. Compact materials in revetment bins by hand

52

2. Compact materials in revetment bins with power tamps

53

3. Construct rigid frame buildings

54

4. Construct sand bag revetments or bunkers

55

5. Construct soil or cement blocks

56

6. Cover bunkers by hand

57

7. Cover bunkers using clam shells

58

8. Cover bunkers using front end loaders

59

9. Cover roof spans of revetments

60

10. Erect arches for wonder shelters

61

11. Erect concrete forms for wonder shelters by hand

62

12. Erect revetment bins

63

13. Erect roof spans for revetments

64

14. Establish alignment lines for revetments

65

15. Fabricate bunkers with available materials

66

16. Fabricate forms for bunkers

67

17. Fill revetment bins by hand

68

18. Fill revetment bins using clam shells

69

19. Fill revetment bins using front end loaders

70

20. Fill sand bags

71

(Continued next page)

JOB INVENTORY
(DUTY - TASK LIST)

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1. Check tasks you perform now (✓).
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6. ABOVE AVERAGE.
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ABOVE AVERAGE.

J. BUILDING BUNKERS AND REVETMENTS (CONTINUED)

21. Place revetment kits at proper locations	72		
22. Pour concrete for wonder shelters using squeeze machines	12:73		
23. Secure arches for wonder shelters	5		

NOTE: If any task you perform under this duty is not listed, write it on the blank page at the end of the booklet.

JOB INVENTORY
(DUTY - TASK LIST)

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PAGE 24 OF 64 PAGES

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K. CONSTRUCTING AND MAINTAINING PREFABRICATED SURFACE MATS

- | | | |
|---|----|--|
| 1. Anchor bomb damage repair (BDR) patches | 6 | |
| 2. Anchor matting | 7 | |
| 3. Apply membranes to ground surfaces | 8 | |
| 4. Assemble towing tube assemblies | 9 | |
| 5. Compute amount of matting required | 10 | |
| 6. Establish locations for placement of palletized prefabricated surface mats | 11 | |
| 7. Inspect mats for damage | 12 | |
| 8. Install Harvey earth anchors | 13 | |
| 9. Install or remove keylocks | 14 | |
| 10. Install or remove ramps | 15 | |
| ***** | | |
| 11. Install or remove right angle connectors | 16 | |
| 12. Mix or pour earth anchor grout | 17 | |
| 13. Patch membranes with adhesives | 18 | |
| 14. Place alignment lines for prefabricated surfaces | 19 | |
| 15. Place or remove matting | 20 | |
| 16. Place palletized prefabricated surface mats using forklifts | 21 | |
| 17. Remove or replace damaged matting | 22 | |
| 18. Repackage BDR kits | 23 | |
| 19. Store BDR kits | 24 | |
| 20. Test earth anchors or dead men | 25 | |

(Continued next page)

JOB INVENTORY
(DUTY - TASK LIST)

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K. CONSTRUCTING AND MAINTAINING PREFABRICATED SURFACE MATS
(CONTINUED)

21. Tow in place assembled BDR kits using crawler type tractors	26		
22. Tow in place assembled BDR kits using forklifts	27		
23. Tow in place assembled BDR kits using front end loaders	28		
24. Tow in place assembled BDR kits using graders	29		
25. Tow in place assembled BDR kits using motorized scrapers	30		
26. Tow in place assembled BDR kits using pneumatic bulldozers	31		
27. Transport matting to sites using forklifts	32		
28. Transport matting to sites using tractor trailers	33		

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JOB INVENTORY
(DUTY - TASK LIST)

AFSC 551X0/1

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L. WORKING WITH EXPLOSIVES

- | | | |
|--|----|--|
| 1. Adjust or check temperature or humidity of explosive storage areas | 5 | |
| 2. Check electrical charges with galvanometers | 6 | |
| 3. Connect explosive charges using detonator cord | 7 | |
| 4. Connect explosive charges using standard or safety fuses | 8 | |
| 5. Coordinate placement, timing, or type of charges to be used with other agencies or sections | 9 | |
| 6. Cut trees, or remove stumps or slabs of concrete using detonator cord | 10 | |
| 7. Detonate explosive charges | 11 | |
| 8. Dispose of defective charges | 12 | |
| 9. Drill rock to place charges | 13 | |
| 10. Inspect explosives for leakage | 14 | |
| ***** | | |
| 11. Investigate electrical misfires | 15 | |
| 12. Investigate non-electrical misfires | 16 | |
| 13. Mix available materials to create explosives | 17 | |
| 14. Place charges for destruction of equipment or buildings | 18 | |
| 15. Place charges for removing stumps, boulders, tree tops, or for rock quarrying | 19 | |
| 16. Position wire mesh blankets | 20 | |
| 17. Set up or ignite fireworks displays | 21 | |
| 18. Store fuses, caps, or explosives | 22 | |
| 19. Transport explosives with cargo trucks | 23 | |
| 20. Transport explosives with tractor trailers | 24 | |
| ***** | | |

(Continued next page)

JOB INVENTORY
(DUTY - TASK LIST)

AFSC 551X0/1

PAGE 27 OF 64 PAGES

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L. WORKING WITH EXPLOSIVES (CONTINUED)

21. Wire blasting boxes	25	
-------------------------	----	--

22. Wire electrical lines for charges	26	
---------------------------------------	----	--

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JOB INVENTORY
DUTY - TASK LIST

AFSC 551X0/1

PAGE 28 OF 64 PAGES

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M. CONSTRUCTING AND MAINTAINING RAILROAD TRACKAGE

1. Align or clean railroad crossing signs or signals

27

2. Apply preservatives to ties

28

3. Bend rails by hand

29

4. Bend rails using rail bending machines

30

5. Carry ties

31

6. Carry track

32

7. Clean or lubricate moveable track sections or operating accessories

33

8. Clean or lubricate track maintenance tools

34

9. Clean track ballast

35

10. Construct or replace cattle guards or sections

36

11. Construct siding dead end barricades

37

12. De-ice railroad accessories

38

13. Drill rails using rail drilling machines

39

14. Drive spikes by hand

40

15. Drive spikes with air hammers

41

16. Gauge track

42

17. Hand drill rails

43

18. Hand tamp railroad ballast

44

19. Identify rails by size or curve number

45

20. Inspect railroad safety devices, crossing signs, or signals

46

(Continued next page)

JOB INVENTORY (DUTY - TASK LIST)

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M. CONSTRUCTING AND MAINTAINING RAILROAD TRACKAGE (CONTINUED)

21. Inspect siding dead end barricades	47		
22. Install or remove compromise or joint bars	48		
23. Install or remove railroad crossing signs or signals	49		
24. Install or remove train crew warning systems	50		
25. Level track	51		
26. Operate powered track repair cars	52		
27. Place track repair cars on or remove from rails	53		
28. Plug spike holes	54		
29. Pump hand cars	55		
30. Remove or replace crossovers	56		

31. Remove or replace frogs	57		
32. Remove or replace guard rails	58		
33. Remove or replace railroad ballast	59		
34. Remove or replace rails	60		
35. Remove or replace switches	61		
36. Remove or replace tie plates or creep anchors	62		
37. Remove or replace ties	63		
38. Remove or replace turn outs	64		
39. Remove or replace warning system lights	65		
40. Remove rail spikes	66		

(Continued next page)

JOB INVENTORY
(DUTY - TASK LIST)

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M. CONSTRUCTING AND MAINTAINING RAILROAD TRACKAGE
(CONTINUED)

41. Tamp railroad ballast using air tampers

67

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JOB INVENTORY (DUTY - TASK LIST)

AFSC 551X0/1

PAGE 31 OF 64 PAGES

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7. VERY MUCH
ABOVE AVERAGE

N. PERFORMING GROUNDS MAINTENANCE

- | | | | |
|--|-------|--|--|
| 1. Apply fertilizers using hand equipment | 68 | | |
| 2. Apply fertilizers using sprayers | 69 | | |
| 3. Apply fertilizers using tractor drawn spreaders | 70 | | |
| 4. Apply petroleum products to grounds using asphalt distributors | 71 | | |
| 5. Apply soil additives using disc harrows | 72 | | |
| 6. Apply soil additives using dump trucks | 13:73 | | |
| 7. Apply soil additives using hand spreaders | 5 | | |
| 8. Apply soil additives using tractor drawn spreaders | 6 | | |
| 9. Burn weeds | 7 | | |
| 10. Calculate amount of fertilizer, herbicide, or fungicide needed | 8 | | |
| ***** | | | |
| 11. Chop vegetation from joints or cracks in pavements | 9 | | |
| 12. Collect golf balls from driving ranges or water hazards | 10 | | |
| 13. Construct barbed wire fences | 11 | | |
| 14. Construct chain link fences | 12 | | |
| 15. Construct concertina fences | 13 | | |
| 16. Construct, install, or remove trellises or arbors | 14 | | |
| 17. Construct wood fences | 15 | | |
| 18. Cut erosion control crops using farm tractors and attachments | 16 | | |
| 19. Cut firebreaks with hand tools | 17 | | |
| 20. Cut weeds | 18 | | |
| ***** | | | |

(Continued next page)

JOB INVENTORY
(DUTY - TASK LIST)

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N. PERFORMING GROUNDS MAINTENANCE (CONTINUED)

21. Drain, clean, or refill water hazards on golf courses

19

22. Drive water distributors to or from work areas

20

23. Edge grassy areas by hand

21

24. Establish flagman points

22

25. Fight grass or shrub fires with back packs

23

26. Fight grass or shrub fires with hand tools

24

27. Fill water distributors from fill stands

25

28. Fill water distributors from fire hoses

26

29. Hand pick aquatic vegetation

27

30. Harvest erosion control crops

28

31. Haul water with water distributors

29

32. Identify spoil areas

30

33. Identify types of vegetation

31

34. Install or repair sprinkling system components

32

35. Irrigate areas with water distributors

33

36. Lay polyethylene films for weed control

34

37. Load water distributors from ponds

35

38. Locate areas for construction materials storage

36

39. Locate borrow pits

37

40. Locate equipment fueling, maintenance, or parking areas

38

(Continued next page)

JOB INVENTORY
(DUTY - TASK LIST)

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PAGE 33 OF 64 PAGES

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N. PERFORMING GROUNDS MAINTENANCE (CONTINUED)		
41. Locate water sources 39		
42. Loosen ground with garden type rotary tillers 40		
43. Maintain sand traps on golf courses 41		
44. Maintain tool cribs 42		
45. Mix materials with garden type rotary tillers 43		
46. Mow banks with slope mowers 44		
47. Mow golf greens with greens mowers 45		
48. Mow grass with hand mowers or self propelled mowers 46		
49. Mow grass with towed mowers 47		
50. Mulch areas 48		

51. Operate chippers 49		
52. Operate water distributors as transfer pumping units 50		
53. Perform operator inspections or maintenance on mowers 51		
54. Perform operator inspections or maintenance on water distributors 52		
55. Perform shop maintenance on mowers 53		
56. Plan or lay out beautification projects 54		
57. Plant ground cover 55		
58. Plant or transplant flowers 56		
59. Plant trees or shrubs 57		
60. Police grounds for litter 58		

(Continued next page)		

JOB INVENTORY
(DUTY - TASK LIST)

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N. PERFORMING GROUNDS MAINTENANCE (CONTINUED)

61. Prepare seed beds	59		
62. Prime portable water pumps	60		
63. Read or interpret construction stakes	61		
64. Remove trees or shrubs by hand	62		
65. Seed grass by hand	63		
66. Seed grass with spreaders	64		
67. Select erosion control crops or ground cover	65		
68. Select trees, shrubs, or flowers for planting	66		
69. Set cups on golf greens	67		
70. Set tee markers on golf courses	68		

71. Sharpen blades on saws	69		
72. Sod areas	70		
73. Spray water for compaction with water distributors	71		
74. Spray water from water distributors for washing	72		
75. Spread rock or heavy gravel by hand to prevent wind erosion	14:73		
76. Spread rock or heavy gravel with dump trucks to prevent wind erosion	5		
77. Spread rock or heavy gravel with graders to prevent wind erosion	6		
78. Sprig areas	7		
79. Top trees	8		
80. Trim trees or shrubs	9		

(Continued next page)

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(DUTY - TASK LIST)

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N. PERFORMING GROUNDS MAINTENANCE (CONTINUED)

81. Verticut improved areas, ball fields, or greens

10

82. Weed flower beds

11

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JOB INVENTORY (DUTY - TASK LIST)		AFSC 551X0/1	PAGE 36 OF 64 PAGES
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0. APPLYING HERBICIDES AND FUNGICIDES			
1. Add water to applied granular fumigants	12		
2. Add special purpose additives to herbicides or fungicides	13		
3. Apply granular fumigants to prepared soil using hand equipment	14		
4. Apply granular herbicide formulations to ponds using hand equipment	15		
5. Apply granular herbicide formulations using backpack-mist-dust-blowers	16		
6. Apply granular herbicide formulations using Buffalo turbines	17		
7. Apply granular herbicide formulations using hand equipment	18		
8. Apply herbicidal oils using Buffalo turbines	19		
9. Apply herbicidal oils using compressed air sprayers	20		
10. Apply herbicidal oils using hand equipment	21		

11. Apply herbicidal oils using hydraulic sprayers	22		
12. Apply liquid fungicide by dipping	23		
13. Apply liquid herbicide formulations to land areas using compressed air sprayers	24		
14. Apply liquid herbicide formulations to land areas using hydraulic sprayers	25		
15. Apply liquid herbicide formulations to ponds using compressed air sprayers	26		
16. Apply liquid herbicide formulations to ponds using hydraulic sprayers	27		
17. Apply liquid herbicide formulations using Buffalo turbines	28		
18. Apply liquid herbicide formulations using hand equipment	29		
19. Apply liquid herbicide formulations using invert emulsion sprayers	30		
20. Brush on liquid fungicides	31		

(Continued next page)			

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(DUTY - TASK LIST)

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0. APPLYING HERBICIDES AND FUNGICIDES (CONTINUED)

- | | | | |
|---|----|--|--|
| 21. Coordinate herbicide or fungicide control with other government agencies | 32 | | |
| 22. Cut or drill trees for herbicide application | 33 | | |
| 23. Dispose of empty herbicide or fungicide containers | 34 | | |
| 24. Dispose of excess, banned, or unused herbicides, fungicides, or fertilizers | 35 | | |
| 25. Inspect herbicide, fungicide, or fertilizer storage areas | 36 | | |
| 26. Inspect herbicide or fungicide equipment storage areas | 37 | | |
| 27. Load or unload herbicides, fungicides, or hand equipment on vehicles | 38 | | |
| 28. Maintain herbicide or fungicide inventory records | 39 | | |
| 29. Measure and calculate areas to be treated with herbicides, fungicides, or fertilizers | 40 | | |
| 30. Mix fungicides | 41 | | |

- | | | | |
|--|----|--|--|
| 31. Prepare herbicide emulsions | 42 | | |
| 32. Prepare herbicide invert emulsions | 43 | | |
| 33. Select fungicide, herbicide, or fertilizer dispersal equipment | 44 | | |
| 34. Select herbicides, fungicides, or fertilizers to be used | 45 | | |

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JOB INVENTORY
(DUTY - TASK LIST)

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P. OPERATING TRUCKS, FRONT END LOADERS, AND FORKLIFTS

1. Add diesel fuel to dump-truck beds for hauling asphalt	46		
2. Attach or remove aggregate spreaders to or from dump trucks	47		
3. Attach or remove asphalt distributors to or from dump trucks	48		
4. Attach or remove forklift attachments to or from front end loaders	49		
5. Attach or remove multipurpose buckets to or from front end loaders	50		
6. Attach or remove sand spreaders or spinner spreaders to or from dump trucks	51		
7. Attach or remove trailers or equipment to or from dump trucks	52		
8. Backfill excavations with front end loaders	53		
9. Dig trenches or ditches using front end loaders with multipurpose buckets	54		
10. Drive front end loaders to or from work areas	55		

11. Drive forklifts to or from work areas	56		
12. Dump materials from dump trucks	57		
13. Excavate ditches or trenches with front end loaders	58		
14. Haul materials using front end loaders with multipurpose buckets	59		
15. Haul materials with dump trucks	60		
16. Haul personnel on dump trucks	61		
17. Level areas by backdragging front end loaders	62		
18. Level materials using front end loaders with multipurpose buckets	63		
19. Load materials using front end loaders with multipurpose buckets	64		
20. Load materials with front end loaders	65		

(Continued next page)			

JOB INVENTORY
(DUTY - TASK LIST)

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1. Check tasks you perform now (✓). 2. Add any tasks you do now which are not listed. 3. In the "Time Spent" column, rate checked (✓) tasks on time spent in your present job.	Check	TIME SPENT Current Job	
P. OPERATING TRUCKS, FRONT END LOADERS, AND FORKLIFTS (CONTINUED)	☒ IF DONE NOW	1. VERY MUCH BELOW AVERAGE. 2. BELOW AVERAGE. 3. SLIGHTLY BELOW AVERAGE. 4. ABOUT AVERAGE. 5. SLIGHTLY ABOVE AVERAGE. 6. ABOVE AVERAGE. 7. VERY MUCH ABOVE AVERAGE.	
21. Load or unload items of equipment using forklifts 66			
22. Move items or equipment between areas using forklifts 67			
23. Move materials with front end loaders 68			
24. Perform operator inspections or maintenance on dump trucks 69			
25. Perform operator inspections or maintenance on front end loaders 70			
26. Perform operator inspections or maintenance on forklifts 71			
27. Prepare dump truck beds for loading or hauling materials such as concrete 72			
28. Raise, lower, or move personnel on forklifts 15;73			
29. Remove or replace fork extensions 5			
30. Rough grade areas with front end loaders 6			

31. Secure dump truck beds for personnel hauling 7			
32. Spread materials from dump trucks 8			
33. Spread materials using front end loaders with multipurpose buckets 9			
34. Stockpile materials using front end loaders with multipurpose buckets 10			
35. Stockpile materials with front end loaders 11			
36. Tow trailers using dump trucks 12			
NOTE: If any task you perform under this duty is not listed, write it on the blank page at the end of the booklet.			

JOB INVENTORY (DUTY - TASK LIST)		AFSC 551X0/1	PAGE 40 OF 64 PAGES
1. Check tasks you perform now (✓). 2. Add any tasks you do now which are not listed. 3. In the "Time Spent" column, rate checked (✓) tasks on time spent in your present job.		Check	TIME SPENT Current Job
Q. OPERATING INDUSTRIAL TRACTORS AND ATTACHMENTS		✓ IF DONE NOW	1. VERY MUCH BE- LOW AVERAGE. 2. BELOW AVERAGE. 3. SLIGHTLY BE- LOW AVERAGE. 4. ABOUT AVERAGE. 5. SLIGHTLY ABOVE AVERAGE. 6. ABOVE AVERAGE. 7. VERY MUCH ABOVE AVERAGE.
1. Aerify grounds with Industrial tractors and aerifier attachments	13		
2. Backblade with industrial tractors and blades	14		
3. Backfill with industrial tractors and blades	15		
4. Cut grass with industrial tractors and sickle bar attachments	16		
5. Dig ditches or trenches using ditching or trenching machines	17		
6. Drill holes with industrial tractors and auger attachments	18		
7. Drill holes with power augers	19		
8. Drive industrial tractors to or from work areas	20		
9. Excavate with industrial tractors and backhoe attachments	21		
10. Excavate with industrial tractors and front end loader attachments	22		

11. Load materials with industrial tractors and backhoe attachments	23		
12. Load materials with industrial tractors and front end loader attachments	24		
13. Mix materials with industrial tractors and disc attachments	25		
14. Move materials with industrial tractors and front end loader attachments	26		
15. Perform edging operations with industrial tractors and curbers	27		
16. Perform operator inspections or maintenance on ditchers or trenchers	28		
17. Perform operator inspections or maintenance on industrial tractor attachments	29		
18. Perform operator inspections or maintenance on industrial tractors	30		
19. Plow areas with industrial tractors and plow or disc attachments	31		
20. Rough grade areas with industrial tractors and blades	32		

(Continued next page)			

JOB INVENTORY

(DUTY - TASK LIST)

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1. Check tasks you perform now (✓).
2. Add any tasks you do now which are not listed.
3. In the "Time Spent" column, rate checked (✓) tasks on time spent in your present job.

Check	TIME SPENT Current Job
✓ IF DONE NOW	1. VERY MUCH BE- LOW AVERAGE.
	2. BELOW AVERAGE.
	3. SLIGHTLY BE- LOW AVERAGE.
	4. ABOUT AVERAGE.
	5. SLIGHTLY ABOVE AVERAGE
	6. ABOVE AVERAGE
	7. VERY MUCH ABOVE AVERAGE

Q. OPERATING INDUSTRIAL TRACTORS AND ATTACHMENTS (CONTINUED)

- | | | |
|--|----|--|
| 21. Seed grounds with industrial tractors and seeder attachments | 33 | |
| 22. Set up or tear down asphalt or earth augers | 34 | |
| 23. Set up or tear down power augers | 35 | |
| 24. Spread herbicides with industrial tractors and herbicide spreader attachments | 36 | |
| 25. Spread materials with industrial tractors and blades | 37 | |
| 26. Spread materials with industrial tractors and front end loader attachments | 38 | |
| 27. Spread materials with industrial tractors and scraper attachments | 39 | |
| 28. Tow trailers or equipment using industrial tractors | 40 | |
| 29. Transport materials, equipment, or cargo with industrial tractors and front end loader attachments | 41 | |

NOTE: If any task you perform under this duty is not listed, write it on the blank page at the end of the booklet.

JOB INVENTORY (DUTY - TASK LIST)		AFSC 551X0/1	PAGE 42	OF 64	PAGES
1. Check tasks you perform now (✓). 2. Add any tasks you do now which are not listed. 3. In the "Time Spent" column, rate checked (✓) tasks on time spent in your present job.			Check	TIME SPENT Current Job	
			✓ IF DONE NOW	1. VERY MUCH BE- LOW AVERAGE. 2. BELOW AVERAGE. 3. SLIGHTLY BE- LOW AVERAGE. 4. ABOUT AVERAGE 5. SLIGHTLY ABOVE AVERAGE 6. ABOVE AVERAGE 7. VERY MUCH ABOVE AVERAGE	
R. OPERATING GRADERS					
1. Backfill with graders	42				
2. Blend materials with graders	43				
3. Crown dirt roads with graders	44				
4. Cut and fill with graders	45				
5. Cut firebreaks with graders	46				
6. Cut flat-bottom ditches with graders	47				
7. Cut V-ditches with graders	48				
8. Drive motorized graders to or from work areas	49				
9. Finish grade areas with graders	50				
10. Maintain dirt roads with graders	51				

11. Maintain road shoulders with graders	52				
12. Make pioneer cuts with graders	53				
13. Perform operator inspections or maintenance of motorized graders	54				
14. Remove joint sealing materials from pavements using graders	55				
15. Remove or replace grader blades	56				
16. Remove or replace scarifier teeth on graders	57				
17. Reverse grade with graders	58				
18. Rough grade areas with graders	59				
19. Scarify surfaces with graders	60				
20. Scrape paint from pavements using graders	61				

(Continued next page)					

JOB INVENTORY
(DUTY - TASK LIST)

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1. Check tasks you perform now (✓)
2. Add any tasks you do now which are not listed.
3. In the "Time Spent" column, rate checked (✓) tasks on time spent in your present job.

Check	TIME SPENT Current Job
✓ IF DONE NOW	1. VERY MUCH BE- LOW AVERAGE.
	2. BELOW AVERAGE
	3. SLIGHTLY BE- LOW AVERAGE.
	4. ABOUT AVERAGE
	5. SLIGHTLY ABOVE AVERAGE
	6. ABOVE AVERAGE
	7. VERY MUCH ABOVE AVERAGE

R. OPERATING GRADERS (CONTINUED)

21. Slope embankments with graders	62
22. Slope road shoulders with graders	63
23. Spread materials with graders	64
24. Strip top soil with graders	65
25. Windrow materials with graders	66

NOTE: If any task you perform under this duty is not listed,
write it on the blank page at the end of the booklet.

JOB INVENTORY (DUTY - TASK LIST)		AFSC 551X0/1	PAGE 44 OF 64 PAGES
1. Check tasks you perform now (✓). 2. Add any tasks you do now which are not listed. 3. In the "Time Spent" column, rate checked (✓) tasks on time spent in your present job.		Check	TIME SPENT Current Job
S. OPERATING DOZERS AND SCRAPERS		✓ IF DONE NOW	1. VERY MUCH BE- LOW AVERAGE. 2. BELOW AVERAGE 3. SLIGHTLY BE- LOW AVERAGE. 4. ABOUT AVERAGE 5. SLIGHTLY ABOVE AVERAGE 6. ABOVE AVERAGE 7. VERY MUCH ABOVE AVERAGE
1. Adjust angles of crawler type tractor dozer blades	67		
2. Adjust pitch of crawler type tractor dozer blades	68		
3. Adjust tilt of crawler type tractor dozer blades	69		
4. Attach or remove towed scrapers to towing equipment	70		
5. Backblade with crawler type tractors	71		
6. Bench cut with crawler type tractors	72		
7. Break loose materials using crawler type tractors with ripper attachments	16:73		
8. Charge hoppers, loading ramps, or grizzlies with crawler type tractors	5		
9. Clear areas with crawler type tractors	6		
10. Construct embankments with crawler type tractors	7		

11. Construct firebreaks with crawler type tractors	8		
12. Cover hot spots in fires with crawler type tractors	9		
13. Cut and fill with crawler type tractors	10		
14. Cut channels with scrapers	11		
15. Cut emergency firebreaks with crawler type tractors	12		
16. Cut or maintain ditches with crawler type tractors and towed graders	13		
17. Cut pits or sanitary fills with scrapers	14		
18. Demolish buildings or foundations using crawler type tractors	15		
19. Downhill cut with crawler type tractors	16		
20. Drive crawler type tractors to or from work areas	17		

(Continued next page)			

JOB INVENTORY (DUTY - TASK LIST)		AFSC 551X0/1	PAGE 45	OF 64	PAGES
1. Check tasks you perform now (✓). 2. Add any tasks you do now which are not listed. 3. In the "Time Spent" column, rate checked (✓) tasks on time spent in your present job.			Check	TIME SPENT Current Job	
			✓ IF DONE NOW	1. VERY MUCH BE- LOW AVERAGE. 2. BELOW AVERAGE. 3. SLIGHTLY BE- LOW AVERAGE. 4. ABOUT AVERAGE. 5. SLIGHTLY ABOVE AVERAGE 6. ABOVE AVERAGE 7. VERY MUCH ABOVE AVERAGE	
S. OPERATING DOZERS AND SCRAPERS (CONTINUED)					
21. Drive motorized scrapers to or from work areas	18				
22. Excavate ditches or foundations with crawler type tractors	19				
23. Haul materials with scrapers	20				
24. Install or remove dozer blades on crawler type tractors	21				
25. Install or remove push blocks on crawler type tractors	22				
26. Install or remove scarifier or ripper attachments on crawler type tractors	23				
27. Install or remove towed graders on crawler type tractors	24				
28. Load downhill with scrapers	25				
29. Load scrapers	26				
30. Maintain ditches with crawler type tractors	27				

31. Make fills with scrapers	28				
32. Make side hill cuts with scrapers	29				
33. Move or spread materials with crawler type tractors	30				
34. Perform operator inspections or maintenance of motorized scrapers	31				
35. Perform operator inspections or maintenance on crawler type tractor attachments	32				
36. Perform operator inspections or maintenance on crawler type tractors	33				
37. Perform pusher operations for scrapers using crawler type tractors	34				
38. Pioneer cut with crawler type tractors	35				
39. Push up, compact, or cover sanitary fills with crawler type tractors	36				
40. Remove boulders with crawler type tractors	37				

(Continued next page)					

JOB INVENTORY
(DUTY - TASK LIST)

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1. Check tasks you perform now (✓).
2. Add any tasks you do now which are not listed.
3. In the "Time Spent" column, rate checked (✓) tasks on time spent in your present job.

Check

TIME SPENT
Current Job

✓
IF
DONE
NOW

1. VERY MUCH BE-
LOW AVERAGE.
2. BELOW AVERAGE.
3. SLIGHTLY BE-
LOW AVERAGE.
4. ABOUT AVERAGE.
5. SLIGHTLY
ABOVE AVERAGE
6. ABOVE AVERAGE
7. VERY MUCH
ABOVE AVERAGE

S. OPERATING DOZERS AND SCRAPERS (CONTINUED)

41. Remove boulders with scrapers

38

42. Remove soil or rock with scrapers

39

43. Rig or reave scrapers

40

44. Rig or remove cable operated power control units (PCU)

41

45. Rough grade with crawler type tractors

42

46. Scarify or rip areas with crawler type tractors

43

47. Sidehill cut with crawler type tractors

44

48. Slot doze with crawler type tractors

45

49. Stockpile burning brush or burning materials with crawler type tractors

46

50. Stockpile materials with crawler type tractors

47

51. Tandem doze with crawler type tractors

48

52. True cut with scrapers

49

53. Unload scrapers and spread materials over fill areas

50

NOTE: If any task you perform under this duty is not listed, write it on the blank page at the end of the booklet.

JOB INVENTORY
 (DUTY - TASK LIST)

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1. Check tasks you perform now (✓). 2. Add any tasks you do now which are not listed. 3. In the "Time Spent" column, rate checked (✓) tasks on time spent in your present job.		Check	TIME SPENT Current Job
T. OPERATING SPECIALIZED EQUIPMENT		✓ IF DONE NOW	1. VERY MUCH BE- LOW AVERAGE. 2. BELOW AVERAGE 3. SLIGHTLY BE- LOW AVERAGE. 4. ABOUT AVERAGE 5. SLIGHTLY ABOVE AVERAGE 6. ABOVE AVERAGE 7. VERY MUCH ABOVE AVERAGE
1. Add or remove dry ballast to rollers	51		
2. Add or remove liquid ballast to rollers	52		
3. Aerate materials with construction type rotary fillers	53		
4. Compact base course materials using towed rollers	54		
5. Compact base course materials using motorized rollers	55		
6. Compact bituminous materials using motorized rollers	56		
7. Compact bituminous materials using towed rollers	57		
8. Compact concrete using concrete vibrator rollers	58		
9. Compact finish materials using motorized rollers	59		
10. Compact finish materials using towed rollers	60		

11. Compact sub base using motorized rollers	61		
12. Compact sub base using towed rollers	62		
13. Destroy grassy areas with construction type rotary fillers	63		
14. Drag surface treatment areas using towed type sweepers or drag brushes	64		
15. Drive rollers to or from work areas	65		
16. Drive sweepers to or from work areas	66		
17. Install or remove towed rollers to towing equipment	67		
18. Perform operator inspections or maintenance on airfield vacuum sweepers	68		
19. Perform operator inspections or maintenance on compactor rollers	69		
20. Perform operator inspections or maintenance on concrete vibrator rollers	70		

(Continued next page)			

JOB INVENTORY (DUTY - TASK LIST)		AFSC 551X0/1	PAGE 48	OF 64 PAGES
1. Check tasks you perform now (✓). 2. Add any tasks you do now which are not listed. 3. In the "Time Spent" column, rate checked (✓) tasks on time spent in your present job.			Check	TIME SPENT Current Job
T. OPERATING SPECIALIZED EQUIPMENT (CONTINUED)			✓ IF DONE NOW	1. VERY MUCH BE- LOW AVERAGE. 2. BELOW AVERAGE. 3. SLIGHTLY BE- LOW AVERAGE. 4. ABOUT AVERAGE. 5. SLIGHTLY ABOVE AVERAGE. 6. ABOVE AVERAGE. 7. VERY MUCH ABOVE AVERAGE
21. Perform operator inspections or maintenance on construction type rotary tillers	71			
22. Perform operator inspections or maintenance on magnetic sweepers	72			
23. Perform operator inspections or maintenance on pneumatic rollers	17:73			
24. Perform operator inspections or maintenance on sheepsfoot rollers	5			
25. Perform operator inspections or maintenance on steel wheel rollers	6			
26. Perform operator inspections or maintenance on street sweepers	7			
27. Perform operator inspections or maintenance on tenant sweepers	8			
28. Perform operator inspections or maintenance on towed rollers	9			
29. Perform operator inspections or maintenance on towed type sweepers	10			
30. Prepare areas for surface treatment using street sweepers	11			

31. Prepare areas for surface treatment using towed type sweepers	12			
32. Pulverize subgrade with construction type rotary tillers	13			
33. Sweep airfield pavements with airfield vacuum sweepers	14			
34. Sweep areas with magnetic sweepers	15			
35. Sweep areas with tenant sweepers	16			
36. Sweep pavements using towed type sweepers	17			
37. Sweep pavements with street sweepers	18			
NOTE: If any task you perform under this duty is not listed, write it on the blank page at the end of the booklet.				

JCS INVENTORY (DUTY - TASK LIST)		AFSC 551X0/1	PAGE 49	OF 64	PAGES
1. Check tasks you perform now (✓). 2. Add any tasks you do now which are not listed. 3. In the "Time Spent" column, rate checked (✓) tasks on time spent in your present job.			Check	TIME SPENT Current Job	
			✓ IF DONE NOW	1. VERY MUCH BE- LOW AVERAGE. 2. BELOW AVERAGE. 3. SLIGHTLY BE- LOW AVERAGE. 4. ABOUT AVERAGE. 5. SLIGHTLY ABOVE AVERAGE. 6. ABOVE AVERAGE. 7. VERY MUCH ABOVE AVERAGE	
U. OPERATING CRANES AND ATTACHMENTS					
1. Adjust shovel trip cable levers	19				
2. Adjust tagline winder tensions	20				
3. Bench cut with power shovels	21				
4. Break concrete slabs with demolition balls	22				
5. Break rock with demolition balls	23				
6. Change or deepen stream beds with draglines	24				
7. Clean or shape drainage ditches with draglines	25				
8. Demolish buildings with demolition balls	26				
9. Determine wind conditions for crane operation	27				
10. Dig basements with power shovels	28				

11. Dig ditches, footings, trenches, or basements with crane attached backhoes	29				
12. Dig out borrow pits with draglines	30				
13. Dig sanitary fills with draglines	31				
14. Dig with clamshells	32				
15. Direct crane operators using hand signals	33				
16. Drive crawler mounted cranes to or from work areas	34				
17. Drive piling	35				
18. Drive truck mounted cranes to or from work areas	36				
19. Engage or disengage crane failsafe systems	37				
20. Excavate footings or foundations with draglines	38				

(Continued next page)					

JOB INVENTORY (DUTY - TASK LIST)		AFSC 551X0/I	PAGE 50	OF 64	PAGES
1. Check tasks you perform now (✓). 2. Add any tasks you do now which are not listed. 3. In the "Time Spent" column, rate checked (✓) tasks on time spent in your present job.			Check	TIME SPENT Current Job	
			✓ IF DONE NOW	1. VERY MUCH BE- LOW AVERAGE. 2. BELOW AVERAGE 3. SLIGHTLY BE- LOW AVERAGE. 4. ABOUT AVERAGE 5. SLIGHTLY ABOVE AVERAGE 6. ABOVE AVERAGE 7. VERY MUCH ABOVE AVERAGE	
U. OPERATING CRANES AND ATTACHMENTS (CONTINUED)					
21. Fabricate slings	39				
22. Hand shovel materials into clamshells	40				
23. Install or remove center sections from crane booms	41				
24. Install or remove tip or jib sections from crane booms	42				
25. Instruct personnel in crane rigging	43				
26. Load materials with draglines	44				
27. Load or unload cargo with cranes	45				
28. Load or unload materials with clamshells	46				
29. Load trucks, crushers, or conveyors with power shovels	47				
30. Load trucks with crane attached backhoes	48				

31. Maintain sanitary fills with draglines	49				
32. Perform operator inspections or maintenance on cranes	50				
33. Place concrete with crane concrete buckets	51				
34. Place concrete with clamshells	52				
35. Position piling	53				
36. Position prefabricated units with cranes	54				
37. Pull piling with cranes	55				
38. Quarry rock with power shovels	56				
39. Remove or replace crane boom extensions	57				
40. Remove or replace crane booms	58				

(Continued next page)					

JOB INVENTORY (DUTY - TASK LIST)		AFSC 551X0/1	PAGE 51	OF 64	PAGES
1. Check tasks you perform now (✓). 2. Add any tasks you do now which are not listed. 3. In the "Time Spent" column, rate checked (✓) tasks on time spent in your present job.			Check	TIME SPENT Current Job	
			✓ IF DONE NOW	1. VERY MUCH BE- LOW AVERAGE. 2. BELOW AVERAGE. 3. SLIGHTLY BE- LOW AVERAGE. 4. ABOUT AVERAGE. 5. SLIGHTLY ABOVE AVERAGE. 6. ABOVE AVERAGE. 7. VERY MUCH ABOVE AVERAGE	
U. OPERATING CRANES AND ATTACHMENTS (CONTINUED)					
41. Remove or replace crane cables	59				
42. Remove or replace tagline winders	60				
43. Rig loads to be lifted	61				
44. Rig or remove backhoe attachments on cranes	62				
45. Rig or remove clamshell attachments on cranes	63				
46. Rig or remove dragline attachments on cranes	64				
47. Rig or remove demolition balls on cranes	65				
48. Rig or remove hook blocks on cranes	66				
49. Rig or remove jibs on cranes	67				
50. Rig or remove piledriver attachments on cranes	68				

51. Rig or remove shovel attachments on cranes	69				
52. Set piles with piledrivers	70				
53. Set up cranes for operation	71				
54. Slope embankments with draglines	72				
55. Stack palletized or crated materials with cranes	18:73				
56. Stockpile materials with clamshells	5				
57. Stockpile materials with draglines	6				
58. Stockpile materials with power shovels	7				
59. Strip soil or rock with power shovels	8				
60. Strip top soil, soil, or rock with draglines	9				

(Continued next page)					

JOB INVENTORY
(DUTY - TASK LIST)

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1. Check tasks you perform now (✓).
2. Add any tasks you do now which are not listed.
3. In the "Time Spent" column, rate checked (✓) tasks on time spent in your present job.

Check

TIME SPENT
Current Job

✓
IF
DONE
NOW

1. VERY MUCH BE-
LOW AVERAGE.
2. BELOW AVERAGE.
3. SLIGHTLY BE-
LOW AVERAGE.
4. ABOUT AVERAGE.
5. SLIGHTLY
ABOVE AVERAGE.
6. ABOVE AVERAGE.
7. VERY MUCH
ABOVE AVERAGE.

U. OPERATING CRANES AND ATTACHMENTS (CONTINUED)

61. Unload materials with draglines

10

62. Work faces with power shovels

11

NOTE: If any task you perform under this duty is not listed,
write it on the blank page at the end of the booklet.

JOB INVENTORY
 (DUTY - TASK LIST)

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1. Check tasks you perform now (✓).
2. Add any tasks you do now which are not listed.
3. In the "Time Spent" column, rate checked (✓) tasks on time spent in your present job.

Check	TIME SPENT Current Job
✓ IF DONE NOW	1. VERY MUCH BE- LOW AVERAGE.
	2. BELOW AVERAGE.
	3. SLIGHTLY BE- LOW AVERAGE.
	4. ABOUT AVERAGE.
	5. SLIGHTLY ABOVE AVERAGE
	6. ABOVE AVERAGE
	7. VERY MUCH ABOVE AVERAGE

V. OPERATING MISCELLANEOUS EQUIPMENT

1. Collect refuse using Demsey Dumpster trucks	12		
2. Collect refuse using Loadal trucks	13		
3. Collect refuse using refuse packer trucks	14		
4. Connect or disconnect tractors from trailers	15		
5. Escort or arrange for escort of equipment in transit	16		
6. Flag equipment or post wide load signs	17		
7. Free stalled or mired equipment	18		
8. Haul and dump refuse at sanitary fills	19		
9. Haul construction equipment under emergency conditions such as fires	20		
10. Haul construction equipment using lowboys	21		

11. Haul construction equipment using tilt bed trailers	22		
12. Haul equipment or personnel on buses	23		
13. Haul equipment or personnel using cargo vehicles	24		
14. Load or unload construction equipment from lowboys	25		
15. Load or unload construction equipment from railroad cars	26		
16. Load or unload construction equipment from tilt bed trailers	27		
17. Operate aerial trams	28		
18. Operate pole masters	29		
19. Operate rock pickers or beachcombers	30		
20. Perform operator inspections or maintenance on cargo vehicles, tractor trailers, or buses	31		

(Continued next page)			

JOB INVENTORY
(DUTY - TASK LIST)

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1. Check tasks you perform now (✓).
2. Add any tasks you do now which are not listed.
3. In the "Time Spent" column, rate checked (✓) tasks on time spent in your present job.

Check	TIME SPENT Current Job
✓ IF DONE NOW	1. VERY MUCH BE- LOW AVERAGE.
	2. BELOW AVERAGE.
	3. SLIGHTLY BE- LOW AVERAGE.
	4. ABOUT AVERAGE.
	5. SLIGHTLY ABOVE AVERAGE
	6. ABOVE AVERAGE
	7. VERY MUCH ABOVE AVERAGE

V. OPERATING MISCELLANEOUS EQUIPMENT (CONTINUED)

21. Perform operator inspections or maintenance on refuse collection equipment	32		
22. Perform periodic sanitization of refuse collection equipment	33		
23. Position Demsey Dumpsters or Loadals for collection	34		
24. Position trailers for loading or unloading	35		
25. Prepare equipment for air transport	36		
26. Sanitize refuse containers after dumping	37		
27. Secure loads to vehicles	38		

NOTE: If any task you perform under this duty is not listed, write it on the blank page at the end of the booklet.

JOB INVENTORY (DUTY - TASK LIST)		AFSC 551X0/1	PAGE 55 OF 64 PAGES
1. Check tasks you perform now (✓). 2. Add any tasks you do now which are not listed. 3. In the "Time Spent" column, rate checked (✓) tasks on time spent in your present job.		Check	TIME SPENT Current Job
		✓ IF DONE NOW	1. VERY MUCH BE- LOW AVERAGE. 2. BELOW AVERAGE 3. SLIGHTLY BE- LOW AVERAGE. 4. ABOUT AVERAGE 5. SLIGHTLY ABOVE AVERAGE 6. ABOVE AVERAGE 7. VERY MUCH ABOVE AVERAGE
W. PERFORMING SNOW REMOVAL FUNCTIONS			
1. Add or remove ballast to snow plows	39		
2. Clear equipment from runways	40		
3. Clear open areas with air blast snow sweepers	41		
4. Coordinate runway or taxiway snow removal with tower operators	42		
5. Coordinate with weather officers for expected snow quantities, temperatures, or winds	43		
6. Designate snow dump areas	44		
7. Hand clear snow or ice from sidewalks	45		
8. Install or remove snow fences	46		
9. Install or remove snow plows from trucks, graders, or tractors	47		
10. Install or remove tire chains	48		

11. Load windrowed snow with bank rotary snow plows into trucks	49		
12. Load windrowed snow with front end loaders into trucks	50		
13. Load windrowed snow with self propelled conveyors into trucks	51		
14. Mark locations of runway lights	52		
15. Perform operator inspections or maintenance of snow removal equipment	53		
16. Prepare or remove snow plow equipment for summer storage	54		
17. Remove ice with under body scrapers	55		
18. Remove snow or ice with crawler type tractors	56		
19. Remove snow or ice with front end loaders	57		
20. Remove snow or ice with graders	58		

(Continued next page)			

(DUTY - TASK LIST)

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1. Check tasks you perform now (✓).
2. Add any tasks you do now which are not listed.
3. In the "Time Spent" column, rate checked (✓) tasks on time spent in your present job.

Check	TIME SPENT Current Job
 I DONE NOW	1. VERY MUCH BE- LOW AVERAGE.
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	7. VERY MUCH ABOVE AVERAGE
	8. ABOVE AVERAGE

W. PERFORMING SNOW REMOVAL FUNCTIONS (CONTINUED)

21. Remove snow or Ice with Industrial tractors and blades	59
22. Remove snow with bank rotary snow plows	60
23. Remove snow with combination snow plows	61
24. Remove snow with rollover snow plows	62
25. Spread chemicals or abrasives over ice or snow covered areas by hand	63
26. Spread chemicals or abrasives over ice or snow covered areas with fertilizer spreaders	64
27. Spread chemicals or abrasives over ice or snow covered areas with rotary sand spreaders and dump trucks	65
28. Stockpile snow using crawler type tractors	66
29. Transport snow	67
30. Unload snow from dump trucks	68

NOTE: If any task you perform under this duty is not listed,
write it on the blank page at the end of the booklet.

JOB INVENTORY
(DUTY - TASK LIST)

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OF 64

PAGES

1. Check tasks you perform now (✓).
2. Add any tasks you do now which are not listed.
3. In the "Time Spent" column, rate checked (✓) tasks on time spent in your present job.

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X. RIGGING HOISTING EQUIPMENT

1. Chock materials with wedges

69

2. Clean or store fiber ropes

70

3. Clean wire rope cables

71

4. Construct A frames

72

5. Construct cableways

19:73

6. Construct derricks

5

7. Construct gin poles

6

8. Construct tripods

7

9. Drive stakes by hand

8

10. Install anchors or dead men

9

11. Install clips on wire rope cables

10

12. Lift or lower equipment using A frames

11

13. Lift or lower equipment using cableways

12

14. Lift or lower equipment using derricks

13

15. Lift or lower equipment using gin poles

14

16. Lift or lower equipment using tripods

15

17. Load or unload equipment using block and tackle

16

18. Load or unload equipment using jacks

17

19. Load or unload equipment using skids

18

20. Mouse hooks

19

(Continued next page)

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21.	Rig block and tackle on cranes	20
22.	Splice wire rope cables	21
23.	Split logs using sledge hammers and wedges	22
24.	Split or chop logs using axes	23
25.	Store wire rope cables	24

NOTE: If any task you perform under this duty is not listed,
write it on the blank page at the end of the booklet.

JOB INVENTORY (DUTY - TASK LIST)		AFSC 551X0/1	PAGE 59 OF 64 PAGES
1. Check tasks you perform now (✓). 2. Add any tasks you do now which are not listed. 3. In the "Time Spent" column, rate checked (✓) tasks on time spent in your present job.		Check	TIME SPENT Current Job
Y. PERFORMING MISSILE SUPPORT FUNCTIONS		✓ IF DONE NOW	1. VERY MUCH BE- LOW AVERAGE. 2. BELOW AVERAGE. 3. SLIGHTLY BE- LOW AVERAGE. 4. ABOUT AVERAGE. 5. SLIGHTLY ABOVE AVERAGE. 6. ABOVE AVERAGE. 7. VERY MUCH ABOVE AVERAGE.
1. Attach or remove safety lanyards	25		
2. Connect or disconnect potato mashers to hook blocks	26		
3. Connect or disconnect static grounds	27		
4. Coordinate with other agencies on missile refurbishment	28		
5. Hand signal crane operators for positioning equipment or personnel in launch tubes	29		
6. Load and position ring and suspension systems in launch tubes	30		
7. Load and position special equipment such as generators or chilling units in equipment levels	31		
8. Load equipment into launch tubes during refurbishment	32		
9. Load or remove personnel into or from launch tubes for prehardening or pulling safing pins	33		
10. Load personnel into launch tubes during refurbishment	34		

11. Lower or raise equipment through personnel access hatches (PAH)	35		
12. Lower or raise load and level fixtures in launch tubes	36		
13. Move equipment within launch tubes during refurbishment	37		
14. Move personnel in launch tubes during prehardening or safing pin pulling	38		
15. Move personnel within launch tubes during refurbishment	39		
16. Perform flood control on missile sites	40		
17. Perform preflight tests on launch mounts	41		
18. Raise or lower personnel in launch tubes using potato mashers	42		
19. Remove or replace launch control facility (LCF) water well liners	43		
20. Remove or replace launch mounts on thor pads	44		

(Continued next page)			

OF 64 PAGES

Check	TIME SPENT Current Job
 IF DONE NOW	1. VERY MUCH BE- LOW AVERAGE.
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	3. SLIGHTLY BE- LOW AVERAGE.
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	6. ABOVE AVERAGE
	7. VERY MUCH ABOVE AVERAGE
	8. ABOVE AVERAGE
	9. ABOVE AVERAGE

21. Remove or replace telemetry antennas on minu'eman sites	45
22. Remove ring and suspension systems from launch tubes	46
23. Remove special equipment such as generators from launch tubes	47
24. Rig tag lines on baskets or equipment	48

NOTE: If any task you perform under this duty is not listed,
write it on the blank page at the end of the booklet.

JOB INVENTORY
(DUTY - TASK LIST)

AFSC 551X0/1

PAGE 61 OF 64 PAGES

1. Check tasks you perform now (✓). 2. Add any tasks you do now which are not listed. 3. In the "Time Spent" column, rate checked (✓) tasks on time spent in your present job.	Check	TIME SPT Current Job
Z. OPERATING WELL DRILLING EQUIPMENT	✓ IF DONE NOW	1. VERY MUCH BE- LOW AVERAGE. 2. BELOW AVERAGE. 3. SLIGHTLY BE- LOW AVERAGE. 4. ABOUT AVERAGE. 5. SLIGHTLY ABOVE AVERAGE 6. ABOVE AVERAGE 7. VERY MUCH ABOVE AVERAGE
1. Adjust well drilling pull-down pressures		49
2. Case drilled holes		50
3. Construct check dams for mud drilling		51
4. Dig slush pits for mud drilling		52
5. Erect and lock drill masts in place		53
6. Free and recover stuck drills		54
7. Grout and seal casings		55
8. Install or remove rock drill extensions		56
9. Install well screens		57
10. Level well drilling equipment		58

11. Maintain drill logs		59
12. Mix mud with mud pumps		60
13. Mount drills on cribbing		61
14. Operate rock drills		62
15. Operate well logging equipment		63
16. Perform operator inspections and maintenance on well drilling equipment		64
17. Plug wells		65
18. Position well drilling equipment		66
19. Prepare drilling mud		67
20. Prepare geological data reports		68

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JOB INVENTORY
(DUTY - TASK LIST)

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1. Check tasks you perform now (✓).
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3. In the "Time Spent" column, rate checked (✓) tasks on time spent in your present job.

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	6. ABOVE AVERAGE
	7. VERY MUCH ABOVE AVERAGE

Z, OPERATING WELL DRILLING EQUIPMENT (CONTINUED)

21. Pull drill steel	69		
22. Remove or replace drill bits	70		
23. Remove or replace mud lines	71		
24. Set rotary drill landing jacks	72		
25. Test water bearing strata for yield	20:73		
26. Wash down well drilling surface casings	21: 5		

NOTE: If any task you perform under this duty is not listed,
write it on the blank page at the end of the booklet.

➔ GO TO PAGE IX AND FOLLOW PROCEDURE B.

➔ WHEN YOU HAVE COMPLETED ALL RATINGS IN THIS COLUMN
PAGES 1-62 YOU WILL HAVE COMPLETED THIS USAF JOB
INVENTORY, AND YOU MAY TURN THIS BOOKLET IN TO YOUR
TEST CONTROL OFFICER.

JOB INVENTORY
(DUTY - TASK LIST)

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PAGE 63 OF 64 PAGES

1. Check tasks you perform now (✓).
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Check

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PAGE 64 OF 64 PAGES

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